

# Manufacturers Record

## Exponent of America

\$6.50 per Year.  
Single Copy, 20 Cents.

Baltimore, Md.  
SEPTEMBER 23, 1926

### Bankers of Alabama, Arkansas, Missouri, Mississippi, Louisiana, Texas and Oklahoma Review the Business Outlook in Those States.

Rarely have we published a more interesting symposium on any business subject than the twenty pages and over of letters from bankers who broadly discuss in this issue the business conditions prevailing in the seven states named and the outlook as they see it in that great territory.

As a whole, these letters tell the story of improved agricultural and general business conditions, of activity in highway construction and in many lines of building operations. Many of the letters contain suggestions of extreme importance to those interested in the larger development of the South. One banker, for instance, suggests the great value of cold storage and refrigerating plants to protect the perishable products of the Southern farms. Others tell of extensive improvements that have been made in many lines of farming operation and in business development generally.

Here will be found the unfolding of a moving panorama of business conditions in a very large portion of the South, all other Southern states having been covered recently by letters from bankers in their respective states.

These letters apparently deal with very great fairness to the whole situation. Where there is a dark side of the picture they show it. Light and shade in some cases alternate, but, on the whole, the light of progress and increasing prosperity radiates through this composite story and will give the public a comprehensive survey of the whole business situation.

\* \* \* \* \*

### The Causes of Industrial Efficiency Progress.

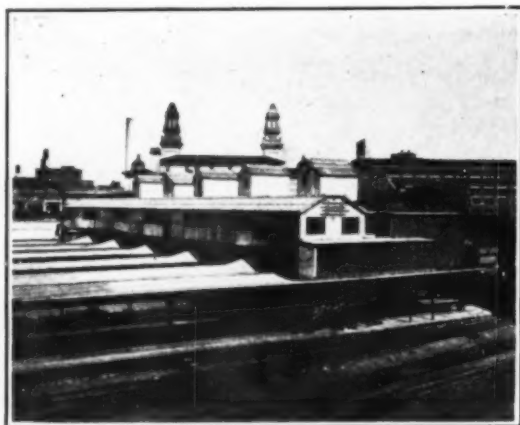
Within the next week or two we will publish another remarkable symposium composed of letters from great industrial interests throughout the entire country, discussing the question of the tremendous increase in efficiency of labor, which is now so pronounced, as compared with former years, and giving the views of the writers of these letters as to the causes of this enlarged producing power per employe. Various reasons are given, but all of these reasons are of such extreme interest that no business man should fail to study every letter and every reason advanced, for here is presented for the first time a broad discussion of a vitally important subject by many of the foremost business concerns in America.



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RICHARD H. EDMONDS, Editor

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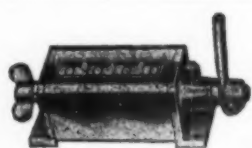
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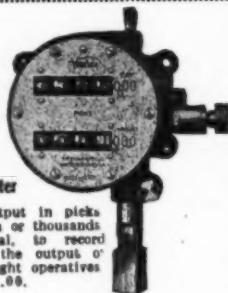
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# Manufacturers Record

EXPONENT OF AMERICA

Devoted to the Upbuilding of the Nation Through the Development  
of the South and Southwest as the Nation's Greatest Material Asset

Trade-Name Registered in the U. S. Patent Office

Vol. XC No. 12  
Weekly

BALTIMORE, SEPTEMBER 23, 1926.

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\$6.50 a Year.

## The Diversified South.

**T**HIS is an era of diversification in the South. We see this section diversifying its agriculture, its textile making and its industrial and commercial activities. Anyone who talks of the South today as only an agricultural region, or thinks of it as an immense cotton field, has failed to broaden his knowledge of what has taken place in the South in recent years and exhibits an appalling ignorance as to the facts.

Not in any endeavor to minimize the agricultural resources of the South—for this section produced 38 per cent of the country's aggregate crop values last year, practically all of its cotton to the value of approximately \$1,600,000,000, and yet cotton is grown on only about one-third of the South's total crop acreage, while the acreage devoted to corn, wheat and oats represents 41 per cent, and hundreds of millions of dollars of fruits and vegetables, largely producing a greater variety of crops than any other section of the United States—but to show that the South is more than a great agricultural region we outline a few facts which the MANUFACTURERS RECORD has been constantly reiterating.

The gross value of the South's agricultural products in 1925 was \$5,855,000,000, while the value of its manufactured output alone in 1923 was \$9,450,000,000, not counting the more than \$1,000,000,000 produced from its mines and quarries, giving a total industrial output for the South, of plants producing over \$5000 annually, of over \$10,500,000,000, or almost double the annual value of the South's agricultural output in 1925. Furthermore, how can any supposedly well-informed person still have the idea that the South is "strictly agricultural" when the manufacturing census of 1923 shows that the great industrial region of New England turned out only 68 per cent of the value of the South's manufacturing that year. New England is also known as a great textile center, yet the South now has more than half of the cotton-mill establishments of the country. Though the value of the South's cotton manufactures in 1923 was over \$980,000,000, 52 per cent of the country's total, it represents less than 14 per cent of all the manufactured goods which the South annually produces, showing that diversification is practiced in Southern industry as well as in its agriculture. Diversification in the establishment of finishing plants and in the building up of a great rayon industry indicates that the South is broadening its textile making.

The South produces about half of the lumber cut of the

country. The census of 1923 shows that the South has over 5000 establishments in the lumber industry and the value of the output of these establishments was over \$681,000,000, or about 46 per cent of the country's total. In the field of woodworking, the South's furniture industry is an outstanding instance of its leadership, this section now making practically one-quarter of the wooden furniture produced in the United States. Like the expansion in Southern textiles, the furniture industry is gaining ground faster in the South than elsewhere.

The two major manufacturing activities of the South, textiles and woodworking, account for less than 16 per cent of its total industrial capacity, leaving over 84 per cent spread among shoe manufacturing, in which the South is now a leader; clothing, another outstanding industry in the South; iron and steel making; cement; mining, and all the manifold enterprises which make up a diversified Southern industry.

The South produced over 56 per cent of the petroleum output of the United States last year and its refineries are among the largest and most modern in the world.

The South produces 38 per cent of the country's coal; and, in fact, of the 87 minerals listed by the Geological Survey as being produced in the United States in 1923 the South produced 42, and for 34 of these products, or 40 per cent of the entire output of the country, the leading, or next to the leading, producing state was in the South.

In line with the growth of cotton manufacturing in the South, of the development of its lumber and woodworking industry, of the establishment of iron and steel plants, boot and shoe making, and shipbuilding, the South is destined to become a great clayworking center. Progress in this direction has already been made, for this section now produces 39 per cent of all the domestic clay sold in the United States, and there has been a marked interest in the South shown by the ceramists of the country, as proved by the recent establishment of several plants in this section. Allied with the clay industry is that of feldspar; North Carolina alone produces 47 per cent of the feldspar sold in the United States.

The South leads in the manufacture of fertilizer. This section produces 99 per cent of the phosphate rock mined in this country.

Practically all the sulphur mined in the United States comes from the South, and, of course, in the naval stores industry the South reigns supreme.

Abundant resources of coal, oil, gas and water powers indicate that the South's vast storehouse of raw materials, agricultural and mineral, will be increasingly utilized and turned into finished manufactures as these power resources are developed, and they are being developed at a rapid rate.



As an illustration of how the South is viewing the situation, L. J. Folse, chairman of the Mississippi Development Board, before the New York Chamber of Commerce recently—when he and a party of Mississippians aboard the "Know Mississippi Better" special train, were being entertained at a luncheon—made a plea to the business men of New York to use their influence at Washington for the utilization of Muscle Shoals and power resources along the Tennessee River in order that additional power may be obtained for Southern industry. Mississippi is classed as an agricultural state, but in 1923 the value of its manufactures was \$178,000,000, and with additional power facilities the state will advance industrially.

The progress the South is making in industry may be measured by the growth of its power development. Between March 1, 1925, and January 1, 1926, the South increased its water-power capacity by 22 per cent. This section now has 435 water-power plants with a capacity of 2,498,447 horsepower, or 22 per cent of the developed water-power of the country. Electric-power production by public-utility plants in the South in 1925 amounted to over 11,836,000,000 kilowatt-hours, or about 18 per cent of the country's total. Of the primary horsepower in manufacturing in the United States in 1923 the South has installed 20 per cent of the power developed by steam engines, 16 per cent of the power developed by water wheels and water motors, 17 per cent of the power developed by internal-combustion engines, and 18 per cent of the power developed from electric motors run on purchased current.

The South is more than a "strictly agricultural" region, it has vast industries which are being expanded and diversified, and of all the sections of the country it takes high rank in foreign commerce.

As stated in our annual publication, the 1926 edition of the Blue Book of Southern Progress, upon which the statistical data of this discussion has largely been based:

"The South ranks first in cargo tonnage and second in value of exports and second in cargo tonnage and value of imports.

"Last year more than \$1,797,000,000 of merchandise was shipped abroad through Southern ports. This is about 38 per cent of the total value of the country's exports and nearly \$53,000,000 more than the aggregate value of exports of the United States in 1910. Since 1910 the South's export shipments have increased in value by 186 per cent, while the increase in the rest of the country outside of the South during this period was 178 per cent.

"The growing commerce of Southern ports is strikingly shown in the fact that the foreign exports from the Galveston district alone for 1925, amounting to \$639,418,000, exceeded by \$216,000,000 the combined value of exports from all the Pacific Coast. New Orleans, coming next on the list, had a total of \$467,275,000, or \$44,000,000 more than the aggregate exports of the Pacific Coast.

"The exports from the Norfolk district, which includes Hampton Roads, amounted to \$190,000,000, or \$7,000,000 in excess of the exports from San Francisco. The exports from the Norfolk district exceeded by \$70,000,000 the exports from Philadelphia and were more than four times as great as exports from Boston. Savannah exported twice as much as Boston.

"The total exports from the South was \$22,000,000 in excess of the total exports from New York."

The South is expanding its educational facilities; in church building it is setting a pace for the country, and in building winter and summer resorts it is diversifying and expanding its recreational and health resources.

In view of the foregoing, great as is Southern agriculture, how anyone with any knowledge of the South of today could call it "strictly agricultural" is beyond comprehension.

## THE FLORIDA STORM.

EVERY great disaster to an American city is followed by such an outburst of energy and activity as to bring about a still greater growth. This was the result when the great fire of 1904 in Baltimore swept out at least \$100,000,000 in value. It was followed in Dayton, Ohio, when that city was almost engulfed by the overflowing of the river. It was followed in San Francisco when the earthquake and fire had apparently well-nigh wrecked that great center of activity. It was followed in Jacksonville when the fire destroyed a large part of that city and left thousands of people homeless. And it was true of Galveston where in a few brief hours thousands of people were killed, which resulted in many thinking that Galveston was forever ruined; but Galveston rose to the occasion, developed an unmatched energy and initiative and is a far greater city than it was before that disaster.

So will it be in Miami and other cities in Florida, which have been hit so hard by the West Indies storm. Great as is the disaster for the time being, no one need for a moment think that Miami or Palm Beach or other thriving towns that have been hurt by the storm, or Florida itself, will be permanently injured. The very energy which is created under such circumstances will mean a greater Florida. Individuals may lose here and there; death may bring its sorrows to many families, but the communities as a whole and the state as a whole will rebuild with such enthusiasm and energy as to make still greater cities and a still greater state.

In extending its deepest sympathy to those who have lost relatives, friends or property, also to the towns and to the state, the MANUFACTURERS RECORD feels absolutely certain that progress and prosperity will not be halted, but that on the contrary the cities that have been hit so badly will soon be throbbing with renewed activity and with greater prosperity than before the disaster.

## COTTON ONLY FRACTION OF SOUTH'S FREIGHT TRAFFIC.

NO ONE disputes the assertion that the South is the world's greatest cotton-producing region. Its cotton crops have brought billions of wealth to itself and to the country at large as well as to Europe. Nevertheless, the South is more than a great producer of cotton and cotton products. No better illustration of the diversification of Southern agriculture and industry could be found than the fact that the South's cotton, manufactured and unmanufactured, great and valuable as it is, forms so small a part of the freight tonnage of its railroads. The cotton crops of the South for the last two seasons have been of record proportions, and yet the combined tonnage of cotton, raw cotton and cottonseed and their manufactured products is but 3 per cent of the Southern Railway's total freight traffic. No doubt the proportion handled by the other trunk-line railroads of the South is even less than that reported by the Southern Railway.

According to the Department of Commerce, Texas produced 588,000 ounces of silver in 1925, practically all of it coming from one mine in Presidio county.

# "Come South" Is the Call to the National Association of Manufacturers for Its 1927 Convention.

THE National Association of Manufacturers, representing a large number of the leading industrial interests of this country, has not held an annual meeting in the South for many years. In its early history it held several meetings in the South, one in New Orleans and one in Atlanta. Since those meetings the South has taken on an entirely new spirit and view of life.

Today this section is commanding the attention of the entire country as never before. Every manufacturer in America is necessarily tremendously interested in the progress which the industrial interests of the South are making. Many of them are seeing opportunities in the South for greatly enlarging their trade in that section; some are seeing in the resources of the South opportunity for the building of great plants in which to carry on the business which they have heretofore been conducting elsewhere; all are realizing that the South is one of the most rapidly growing markets for every line of manufactured goods to be found in all the world. Here is a region in the initial stage of its development, during which vast quantities of machinery of every kind, building materials of many kinds, hardware, boilers, engines and every other line of manufactured products which enter into construction and operation of industries, great and small, will be in ever increasing demand.

What is to be the future of the industrial life of the South and how will it affect the industrial growth and prosperity of other sections are questions which every manufacturer in America must necessarily ask himself. It will, therefore, prove pre-eminently desirable from every point of view that the next meeting of the National Association of Manufacturers shall be held at some central point in the South.

The MANUFACTURERS RECORD has been persistently for more than a year urging this upon the officers of that organization, and a recent editorial suggesting that active steps be taken to induce the holding of next year's meeting in this section has instantly awakened great interest throughout the central South. Atlanta is eagerly working to secure the convention for that city. Macon, we believe, took the lead in wiring its invitation through the MANUFACTURERS RECORD, and Macon is following this up by telegrams to this paper, which we are publishing today, from many other cities in Georgia urging that Macon be selected. These telegrams are an indication of the spirit with which Macon has gone at the matter, and of the enthusiasm of the people of Georgia in seeking to secure the convention. Atlanta with its accustomed energy may be counted upon to take a very active part in seeking to draw the convention to that city. Macon and Atlanta, it seems to us, should decide that their friendly rivalry shall at the right time, if necessary, be turned into friendly co-operation, so that their rivalry may not be inimical to drawing the convention to the South. No doubt other Southern cities will work for the convention.

The Chamber of Commerce of Jacksonville, for instance, is seeking to know how its efforts can be utilized for inducing the convention to hold its 1927 convention in that city.

The MANUFACTURERS RECORD would stress with all possible emphasis upon the members of the National Association of Manufacturers and the officers of that organization that some central point in the South should be selected. The development of the South is of national importance; increasing prosperity there creates increasing prosperity elsewhere. No business man in the country can afford to overlook the tremendous, rapidly increasing progress of the South, for this

progress vitally affects every business interest throughout the country.

If the officers and members should decide to hold the next convention in some central point in the South, that organization will be given a royal welcome such as it probably never received anywhere else in America.

The telegrams follow:

## Macon's Strong Bid for 1927 Convention of National Association of Manufacturers.

[Telegram to Manufacturers Record.]

Macon, Ga., September 11.

Through your columns we would like to extend a most cordial invitation to the National Association of Manufacturers to hold their 1927 convention in Macon, the heart of Georgia, in the heart of the Southeast. We pledge our support toward making the occasion an enjoyable one to every visitor and in this respect point to our entertainment of the American Ceramic Society in February. We solicit your co-operation and will appreciate your assistance in bringing this convention to Macon.

MACON CHAMBER OF COMMERCE,

Representing 70,000 Hospitable Persons.

## Their Visit to the "Heart of Georgia Will Be Both Instructive and Pleasant."

[Telegram to Manufacturers Record.]

Rome, Ga., September 14.

We urge that the 1927 convention of the National Association of Manufacturers select Macon as their next convention city. We consider it appropriate that this national organization meet in the center of the Southern state which is making the greatest headway along the line of industrial development. Their visit to the heart of Georgia will be both instructive and pleasant.

ROME CHAMBER OF COMMERCE.

## Savannah Joins With Macon.

[Telegram to Manufacturers Record.]

Savannah, Ga., September 14.

We wish to join with Macon, Ga., in inviting the National Association of Manufacturers to hold its 1927 convention in Macon, an attractive manufacturing and central Southern city.

A. R. LAWTON, President, Savannah Board of Trade.

## Heartily Endorses Macon Invitation.

[Telegram to Manufacturers Record.]

Cuthbert, Ga., September 14.

Heartily endorse invitation Macon Chamber of Commerce for National Association of Manufacturers' convention in 1927, and urge acceptance.

RANDOLPH COUNTY ADVERTISING CLUB.

## Athens Will Co-operate With Macon.

[Telegram to Manufacturers Record.]

Athens, Ga., September 14.

We desire to join with the Macon Chamber of Commerce in extending invitation to the National Association of Manufacturers to hold its next annual convention in the city of



Macon. Our organization will co-operate in every particular to make convention the biggest, best and most enjoyable of all in its history.

ATHENS CHAMBER OF COMMERCE.

#### Another for Macon.

[Telegram to Manufacturers Record.]

Quitman, Ga., September 16.

We invite the National Association of Manufacturers to held 1927 convention at Macon, Ga. We give you welcome.

QUITMAN CHAMBER OF COMMERCE.

#### Crisp County Board of Trade for Macon.

[Telegram to Manufacturers Record.]

Cordele, Ga., September 16.

The Crisp County Board of Trade wishes the National Association of Manufacturers to meet in Macon in 1927. We will appreciate your co-operation in urging them to do so.

CRISP COUNTY BOARD OF TRADE.

#### Lagrange for Macon.

[Telegram to Manufacturers Record.]

Lagrange, Ga., September 14.

We most respectfully urge and request National Association of Manufacturers to select Macon for their 1927 convention.

W. L. CLEVELAND,

Secretary, Lagrange Chamber of Commerce.

#### West Point for Macon.

[Telegram to Manufacturers Record.]

West Point, Ga., September 15.

The West Point Chamber of Commerce joins the city of Macon and the state of Georgia in urging the National Association of Manufacturers to hold their 1927 convention in Macon, the heart of the Empire State of the South.

DR. J. M. POER, President.

#### Says Macon "Would Be Ideal."

[Telegram to Manufacturers Record.]

Brunswick, Ga., September 14.

The National Association of Manufacturers contemplates holding its annual convention in the South next year. We take great pleasure in extending a most cordial invitation to that association to hold its next convention in the central city of Georgia—Macon. This we believe would be ideal.

BRUNSWICK BOARD OF TRADE.

#### Tift County Urges Macon.

[Telegram to Manufacturers Record.]

Tifton, Ga., September 14.

Tift county, in southern Georgia, urges National Association of Manufacturers to select Macon, the heart of Georgia, for their 1927 convention. As manufacturing is gaining great headway in Georgia, and Macon is the central city of the state, we think it is the logical place.

TIFT COUNTY BOARD OF TRADE.

#### A State Rapidly Coming to the Front in Industrial Lines.

[Telegram to Manufacturers Record.]

Thomasville, Ga., September 14.

We understand Macon is issuing invitations National Association of Manufacturers to meet in that city in 1927. We heartily endorse the invitation to meet in Georgia and urge that the association visit the state which is rapidly coming to the front in industrial lines.

CHAMBER OF COMMERCE.

#### Claims Macon As the "Logical Selection."

[Telegram to Manufacturers Record.]

Bainbridge, Ga., September 16.

We join with Macon, Ga., in urging that 1927 convention National Association of Manufacturers be held there. Because of South's recent great progress in manufacturing, Macon seems logical selection, being central point in Southeast, with ample railroad, auditorium, hotel and other facilities.

BAINBRIDGE CHAMBER OF COMMERCE.

#### Macon Easily Reached From All Points.

[Telegram to Manufacturers Record.]

Millen, Ga., September 14.

Earnestly appeal to you for your assistance in securing the National Association of Manufacturers' convention for Macon for 1927. Macon is centrally located and can be easily reached from all points in the South as well as the nation. The South wants them and we can entertain them.

CHAMBER OF COMMERCE,  
WALTER HARRISON, Secretary.

#### Atlanta Wants the 1927 Convention of the National Association of Manufacturers.

Atlanta, Ga., September 18—[Special.]—Atlanta will make a concerted effort this fall to induce the National Association of Manufacturers to hold its 1927 convention in this city, and a delegation will attend the 1926 meeting at the Waldorf-Astoria in New York to extend the official invitation.

At a meeting a few days ago in the offices of the Atlanta Convention and Tourist Bureau representatives of virtually every important business and civic organization joined in a vote to invite the manufacturers to come to Atlanta next year. These included the Atlanta Chamber of Commerce, Georgia Manufacturers' Association, Atlanta Merchants and Manufacturers Association, the Cotton Manufacturers Association, the Southern hydro-electric power companies, Rotary, Kivans and Civitan clubs and the Georgia Hotel Men's Association.

The importance of the convention and its value to a city is considered by Atlantans as far above its mere membership or the numbers of visitors it will bring. A number of Georgia members of the association will attend the New York convention, and it is believed that Atlanta's invitation also will be backed up by representatives from other Southern states.

#### SOUTHERN LABOR IS FREE LABOR.

A PRESS dispatch reports that resolutions were passed by the United Textile Workers of America at their recent convention to organize the textile workers of the South. It takes more than "passing resolutions" to get Southern people to become slaves to unionism. Almost periodically attempts have been made in different cotton-manufacturing centers of the South to unionize Southern cotton-mill employees, but as the South's cotton-mill people are chiefly native Americans, imbued with a spirit of freedom and a pride in initiative and individuality, their common sense rebels at the thought of coming under the domination of outside influence and in many cases under alien control. They reason with discernment that no union can benefit the industrious worker with initiative, and they are too much of an individualist to expect to advance in any other way than through individual effort. They know they would gain nothing, but that they would lose their individuality and their freedom, than which they have no greater possessions.



# New England and the South's Interest in Muscle Shoals.

## A CRITICISM OF THE MANUFACTURERS RECORD AND A REPLY.

State of New Hampshire,  
Department of Agriculture,  
Office of the Commissioner.

Concord, September 16,

### *Editor Manufacturers Record:*

Your editorial, published in the *MANUFACTURERS RECORD* of September 2 with the title "A Contemptible Effort to Arouse Hatred in New England to the South," was sent to me from Birmingham, Ala., by the Muscle Shoals Power Distributing Company and the Muscle Shoals Fertilizer Company. These are the two companies, representing the thirteen allied power companies, which have made offers for the Government's Muscle Shoals properties.

The closing assertion of your editorial is a personal reflection upon me. You say that the Muscle Shoals-New England pamphlet prepared by Mr. Waldo "was secretly distributed through New England with the apparent hope that no one in the South would ever see it." This statement is false. Whoever informed you that it was true, either knowingly or unknowingly, misrepresented the facts, and it is incredible to me that you would have published such an assertion without making an investigation yourself.

I personally ask that you editorially retract this statement in your next issue after receiving this. There were distributed something over 100 mimeographed copies of the Waldo pamphlet without the remotest thought of secrecy, some of them being sent to those requesting them and some of them to those who did not request them. No sane person would be so stupid as to think that 100 copies of any pamphlet could be secretly distributed in New England, or elsewhere, and kept secret.

The reason Mr. Waldo came to New England in connection with Muscle Shoals was that he was invited. George M. Putnam, president of the New Hampshire Farm Bureau, stated to the Tennessee River Improvement Association that he wished it could be arranged for some one who could state the facts as to the value of Muscle Shoals to New England industries and to her farmers to come to New England.

Mr. Waldo had studied all sides of the subject, having served as technologist for President Coolidge's Muscle Shoals Commission, and we felt that he was well qualified to state the facts fully and fairly, and believe he did.

Mr. Waldo came and we were so impressed with the able and convincing manner in which he presented New England's interest in Muscle Shoals that we formed a committee, with a representative from each New England state, which we called the New England Muscle Shoals Committee, to make a study of Muscle Shoals. The committee met and listened to Mr. Waldo's statements at length. His presentation indicated that the offer of the American Cyanamid Company was most in New England's interests. Members of the committee requested that he prepare a written outline of the facts he orally presented to the committee. He prepared somewhat more than 140 mimeographed copies of the pamphlet you refer to in your editorial, which were turned over to my office and to that of the New Hampshire Farm Bureau for distribution.

As chairman of our committee, I invited the associated power companies to send a representative to explain their offer for Muscle Shoals, but they sent none, pleading shortness of time to enable them to prepare a statement and stating their position was set forth in public documents, being United States Senate reports. Fifteen days later they sent a typed letter somewhat elaborating their position in the controversy and attacking some of the statements made by the representative of the Tennessee River Improvement Association. If the proposal of these power companies is more in the

interests of New England than the offer of the American Cyanamid Company, it is surprising to me that they sent no representative to appear before our committee at that time and have at no time since asked for a conference with the committee.

Your editorial is just as unfair in its quotations from Mr. Waldo's pamphlet as you are unfair to me as the chairman of our committee. You undertake to quote Mr. Waldo as follows:

"If New England desires cheaper cotton and the curtailment or elimination of the South as an industrial and manufacturing competitor," argues Mr. Waldo, "it will support the offer of the American Cyanamid Company for the Government's great hydro-electric plant at Muscle Shoals."

And again you quote him, saying:

"If New England would pay a higher price for cotton and see the continuation of the movement of mills and factories from that section to the Southern states, then it should support the proposal of the associated power companies of the Southeast."

In fairness to Mr. Waldo and the Tennessee River Improvement Association, I brand both of these quotations as false. They are not to be found in the pamphlet, and they do not represent the position Mr. Waldo took with our committee. Invited to come to New England, he came and frankly stated the purposes of the Tennessee River Improvement Association. He described how this Association had worked for years to get the Tennessee and Cumberland rivers surveyed by the Government for navigation, power and flood control. He told us of the millions of horsepower that had been found by the Cumberland rivers. He stated plainly that the Tennessee River Improvement Association was working to get the power of the Tennessee and Cumberland rivers developed and utilized as fully and as promptly as possible in that region.

Since Mr. Waldo was before our committee, I notice that Secretary Hoover, in his notable speech at Seattle, has confirmed what Mr. Waldo told us regarding these large power resources of the Tennessee and Cumberland valleys.

Mr. Waldo argued convincingly that the hydro-electric power at Muscle Shoals should be used to establish electro-chemical industries in the South, chiefly for the production of improved and concentrated fertilizers, as well as alloys needed for the national defense, rather than to operate competitive industries of the ordinary sort. But he made no argument for "the curtailment or elimination of the South as an industrial and manufacturing competitor." On the contrary, Mr. Waldo took exactly the opposite view. He presented a large, carefully prepared map, showing the dam sites located by Government surveys on the Tennessee and Cumberland rivers. He showed us where 20 dams or more had been applied for under the Federal Water-power Act, and he made it perfectly clear that if the power at the two Muscle Shoals dams (the Wilson Dam and Dam No. 3, the latter not yet built) is used for the production of fertilizers and electro-chemicals, then, of course, these other dams will have to be built for public-utility purposes sooner—probably much sooner—than they would be needed if the Muscle Shoals power is marketed for general-utility purposes first.

From Mr. Waldo's statements it is as plain as A B C that the Tennessee River Improvement Association is working on a plan which will provide for the national defense in time of war and give our country the widest possible benefits from Muscle Shoals in times of peace. It is also plain that this Association's plan will speed up the building of dams on the Tennessee and Cumberland rivers by the establishment of the electro-chemical industry in that territory.

On the side of navigation, he showed us how the defi-

nite provision for the construction of Dam No. 3 will remove the remaining chief obstruction to the completion of navigation on the Tennessee River.

He pointed out to our committee the proposed storage dam at "Cove Creek" and described how valuable the building of this dam will be to all dams built below it on the Tennessee River. Then he explained that the building of the Cove Creek dam and Dam No. 3 are definitely provided for under the Cyanamid Company's offer, while neither is included in the power companies' offer.

Mr. Waldo's pamphlet makes only a brief reference to "cheaper cotton," and here is what he says, correctly quoted:

"A larger production of American raw cotton at lower cost which would be specially valuable to New England's cotton mills in competition in world markets."

In discussing cotton with our committee, Mr. Waldo made it perfectly clear that he was arguing for agricultural production at lower cost through the use of improved concentrated fertilizers from Muscle Shoals. He represented that the price of cotton would be lower and emphasized the obvious fact that the cost of production would be likewise lower. I do not understand that he meant that the South would sell her raw cotton for less profit.

Knowing something of the important steps which England is taking to produce cotton on a large scale in both Egypt and India in order to reduce the cost of cotton to her textile industry and to free herself from dependence upon American cotton, it seems to me that Mr. Waldo's arguments for lower cost in the production of cotton in the South are timely, and certainly as much in the interest of the South as of New England.

No fair-minded man would call Mr. Waldo's intelligent presentation of Muscle Shoals to our committee an example of "rotten politics" or refer to it in any such offensive language, unless they themselves sought to stir up sectional feeling and hate. Mr. Waldo neither verbally nor in his pamphlet made any appeal, oral or written, while he was in New England, as far as I know, to "arouse hatred in New England to the South." It was an argument for mutual goodwill and co-operation between New England and the South at Muscle Shoals.

Mr. Waldo made no effort to conceal the fact; on the contrary, he stated it plainly, that there were millions of horsepower in the Tennessee and Cumberland valleys outside of Muscle Shoals that might be used to operate cotton mills or other factories.

We in New England are taxpayers and we are paying our share of the cost of the Muscle Shoals development. We have a right to favor the establishment of the electro-chemical industry in the South at Muscle Shoals, for national defense and for the peace-time production of fertilizers, as provided in the National Defense act under which the Government authorized the construction of the Muscle Shoals plant.

So long as Section 124 of the National Defense act remains a law, we question your right to advocate the turning over of the power at Muscle Shoals to the power combine to be used by them for a purpose which Congress did not intend. Such a policy is especially objectionable under the terms of the power companies' proposal, for then the power would be made so costly as to destroy any "cheap power benefit," even in the comparatively small area which can be reached by direct transmission.

Your editorial contains two quotations not to be found in the Waldo pamphlet and a third which you misquoted. You owe the Tennessee River Improvement Association and Mr. Waldo an apology.

I am so convinced from Mr. Waldo's statements that New England and the South have a common interest at Muscle Shoals that I am going to visit that development at an early day, and what I find there and the impressions I form will not be "secretly distributed through New England" so "no one

in the South will ever hear of them," because I am going to write you a statement of my views after visiting Muscle Shoals.

ANDREW L. FELKER,

Commissioner, Chairman New England Muscle Shoals Committee.

I heartily endorse the above statements as being accurate in all respects.

HARRY R. LEWIS,

Secretary, New England Muscle Shoals Committee.

The foregoing letter from Mr. A. L. Felker is misleading. There was no reflection whatever upon Mr. Felker; no reference was made to him, directly or indirectly.

The statement that "this pamphlet was secretly distributed through New England in the apparent hope that no one in the South would ever see it" is a quotation from a very careful Washington correspondent of the MANUFACTURERS RECORD. Not having been able to secure a copy of that pamphlet when the editorial was written, the quotations to which Mr. Felker refers were taken from dispatches to the Baltimore Sun and other Southern papers. While the MANUFACTURERS RECORD seeks to be exact in quotations, it was compelled in this case to take the statements wired from Washington to Southern daily papers. But these statements do not differ essentially from the argument advanced by Mr. Waldo, who in one part of his report, after arguing in favor of the bid of the American Cyanamid Company, gave as a result that the acceptance of that bid would bring about

**"Cheaper cotton. Better competitive conditions for New England mills in world markets.**

**"USE OF LARGE SOUTHERN WATER POWERS TO PRODUCE FOR BENEFIT AND ADVANTAGE OF NEW ENGLAND INSTEAD OF COMPETING WITH HER MANUFACTURERS. CO-OPERATION INSTEAD OF COMPETITION."** (Caps ours.)

Certainly this was a direct effort to create in New England the thought that by concentrating the use of Muscle Shoals in electro-chemical industries instead of the utilization of this power for distribution throughout the South, New England would secure an advantage in competition with the cotton-mill interests of the South. This is emphasized in the closing paragraph of his report, which fully sustains the entire reference in the editorial which Mr. Felker criticises. In closing his report, Mr. Waldo said:

"In conclusion, it is now for New England to say whether she prefers that the leading Southern water-power shall be employed by competent private fertilizer and electro-chemical companies primarily to produce cheaper fertilizers that will reduce production cost on New England farms and lead to cheaper home-produced food for her industrial workers, **AS WELL AS PRODUCING NON-COMPETITIVE ELECTRO-CHEMICALS AND FERRO-ALLOYS WHICH NEW ENGLAND NEEDS** (Caps ours); or

**"WHETHER SHE PREFERS TO SEE THIS POWER, LIKE NEARLY ALL THE OTHERS OF THAT REGION, TURNED OVER TO A GROUP OF SOUTHERN POWER COMPANIES AND UTILIZED TO COMPETE INDUSTRIALLY WITH NEW ENGLAND'S MANUFACTURERS."** (Caps ours.)

Or, in other words, the whole gist of the argument is summed up in the closing paragraph, that in order to prevent power companies from utilizing this power to advance the industrial interests of the South in competition with New England this power should be used for the development of industries which do not compete with New England. The argument is thus brought down to the simple point that Mr. Waldo and those who are working with him are specifically arguing in favor of the concentration of electro-chemical industries and kindred activities at Muscle Shoals in order to avoid the distribution of this power throughout the South,



which would mean a more general competition by the South with New England industrial interests.

In connection with this situation we were advised, but whether correctly or not we do not know, that Mr. Waldo used the advertisements of Southern power companies which emphasized the opportunity in the South for textile industries "to prove to New England that abundant cheap power in the South is the inducement of textile mills of New England to transfer their factories to this section of the country. Hence, he advocated that surplus Muscle Shoals power be concentrated in the Muscle Shoals locality."

Is this statement correct? Will Mr. Felker kindly advise us whether Mr. Waldo used such an argument or not?

No one more fully agrees with the statement that New England and the South should have a common interest in the development of all industrial interests than the MANUFACTURERS RECORD. We believe that New England and the South should work in harmony. This has always been the position of the MANUFACTURERS RECORD. No one believes more fully than the MANUFACTURERS RECORD in the utilization of a part of the power at Muscle Shoals for the production of nitrates than this paper, which is a position we have constantly taken. In criticising Mr. Waldo's statement we were not advocating that Muscle Shoals be turned over to Southern power companies, nor were we opposing the bid of the American Cyanamid Company. We were, however, vigorously criticising the disposition shown in the pamphlet to create in New England a thought that the general industrial advance of the South by reason of the distribution of power from Muscle Shoals should be antagonized by New England in order to retain its cotton-mill interests at home. We did not believe that that was an argument that the thinking people of New England would approve.

Connected with this whole Muscle Shoals discussion has been a most unfortunate real estate speculation in and around that section which is wholly unjustified. The wildest statements that we have ever seen put out about any section whatsoever are those that have been advanced in the case of real estate around Muscle Shoals. We do not believe that the responsible people in the Tennessee River Improvement Association are back of this wild speculation or guilty of the wholly groundless statements that have been issued about the possibilities of real estate there. One company, for instance, issued a circular as follows:

"Muscle Shoals—A vast industrial empire, pulsating with happy workers at high-wage rate; 1,000,000 jobs. The realization of an ambition to furnish employment to every man and woman who wants and needs employment.

"The saving of millions and hundreds of millions of dollars annually in living expenses to the American people will result from the development of this new industrial center in the Tennessee Valley—a second Chicago. No other place in the world today offers the man and woman of ordinary means so great an opportunity to make a start toward financial independence."

The Better Business Bureau of New York, which recently made an investigation of the situation, reported that no less than 241 subdivisions of 90,000 business and residential lots had been plotted and put on the market since Henry Ford was first quoted as saying "he would give employment to 1,000,000 people at Muscle Shoals and would build a city 75 miles long!"

Commenting on one of the advertisements about town lots in that neighborhood as suggestive of much of the advertising that was being put out, the MANUFACTURERS RECORD of April 29, 1926, had the following editorial:

#### "SOME WILD STATEMENTS ABOUT THE MUSCLE SHOALS REGION."

"Some amazing statements appear in a recent advertisement of a property owner in the Muscle Shoals section. It is altogether possible that the man who inserted this advertisement is under the impression that he was giving the actual facts, but really many of the statements are so wildly extrav-

gant that one wonders how anyone could possibly put forth such an advertisement. Referring to that section, it is said:

"Thomas Edison has prophesied that there will be 30,000,000 people living and working at Muscle Shoals within 20 years."

"That is so inconceivably absurd that it is not within the range of possibility. It is about as far-fetched as a statement relating to the amount of power at Muscle Shoals, of which it is said:

"The power of five Niagaras—enough to do the work of 4,000,000 horses—one-fifth of the total potential hydro-electric power of the whole United States."

"Now, the man who made that statement must have imagined that the people of this country do not know anything at all about the possible power development at Muscle Shoals, even if, after years, all the power potentiality of the entire Tennessee River had been developed, and the years that it would take to accomplish such work as that run far into the future. But here are some statements even more absurd:

"There are 50,000,000,000 tons of iron ore there—more iron ore, so far as is known, than in all the world."

"Now, just how it is possible to have more iron ore in the Muscle Shoals region than in all the world passes understanding, for we have been laboring under the impression that Muscle Shoals was a part of this world, and in the world. But this advertisement says that there is more iron ore in the Muscle Shoals region than there is in all the world. We presume the writer of the advertisement meant 'in all the rest of the world'; but, of course, that is absurd to an extent that the English language hardly provides the necessary words to express the degree of absurdity.

"And then here is another:

"More coal—13,000,000,000 tons—than in all the United States of America."

"Evidently the writer of that advertisement did not consider Muscle Shoals in the United States, for according to him that region has more coal than in all the United States. Possibly he meant 'than in the rest of the United States.' But even that is equally as absurd as the statement about iron ore.

"It is altogether probable that more incorrect statements have been put out about the amount of power than can be developed at Muscle Shoals and the extent of industrial development there as a result of that power, and the vastness of the opportunities for real estate speculation, than about any other one place in this country, not even excepting the most extreme and asinine statements put out by some fly-by-night real estate operators in Florida."

Mr. Felker, in his letter, said:

"Mr. Waldo argued convincingly that the hydro-electric power at Muscle Shoals should be used to establish electro-chemical industries in the South for the production of improved and concentrated fertilizers as well as alloys needed for the national defense, rather than to operate competitive industries of the ordinary sort. But he made no argument for the control or elimination of the South as an industrial and manufacturing competitor."

This seems somewhat contradictory. Mr. Felker admits that Mr. Waldo's argument was against using this Muscle Shoals power "to operate competitive industries of the ordinary sort." That, we take it, means the building of cotton mills or other industries competitive with the industries of New England. Perhaps Mr. Felker can see a distinction between the two, but the difference is too small for others to be able to see it.

The MANUFACTURERS RECORD has no desire whatever to do an injustice to Mr. Waldo, to the Tennessee River Improvement Association or to the New England Muscle Shoals Committee. But it protests against any effort of any of these organizations to seek to array New England against the distribution of power at Muscle Shoals because that distribution would create competition with New England. We do not believe that that is a fair basis for work between New England and the South. The importance of electro-chemical industries and of nitrate production in the South is fully appreciated by the MANUFACTURERS RECORD, but a very large proportion of the people of the South are apparently tremendously interested in the distribution of power not only from Muscle Shoals, but from the entire Tennessee River hydro-electric potentialities as these are developed from time to



time. In the meantime, we heartily favor the use of much of the power at Muscle Shoals for nitrate production for the enrichment of our soil in peace times, and as a guarantee against any shortage of nitrates in time of war or even the danger of war.

### American Cyanamid Company in No Way Responsible for Mr. Waldo's Pamphlet About Muscle Shoals.

American Cyanamid Company,  
511 Fifth Avenue.

New York, September 13.

*Editor Manufacturers Record:*

Your letter of September 1, accompanied by a copy of the MANUFACTURERS RECORD of September 2, has just been brought to my attention upon my return to town.

Neither the Cyanamid Company nor I has any responsibility for Mr. Waldo or his views, and neither I nor anyone connected with our organization had any part in the preparation of the brief to which you refer. I have not seen this brief and cannot express any opinion regarding it until I have read it. Will you be so kind as to send me a copy of this brief?

W. B. BELL, President.

In our editorial vigorously criticizing the pamphlet issued by W. G. Waldo seeking to array New England against the progress of the South, and urging that Congress should accept the bid of the American Cyanamid Company for Muscle Shoals, we expressed the belief that that company should distinctly repudiate any connection with Mr. Waldo's pamphlet. It is especially gratifying, therefore, to have the foregoing emphatic statement.

### TO COVER FLORIDA.

**I**N order to secure first-hand information as to the exact situation in Florida for the benefit of our readers, George Garner of our editorial staff is now on his way to Florida and will cover the situation fully during the next week or two.

### Mississippi County, Arkansas.

In the foreword of the pamphlet issued by the Mississippi County Chamber of Commerce, Blytheville, Ark., it is stated that this Arkansas county within the past five years has come into national prominence and is now enjoying the distinction of being one of the most rapidly developing agricultural sections of the country. When one reads further that this county, with only about half of its total area in cultivation, is ranking foremost with the greatest wealth-producing counties in the United States, it may be understood why this section is progressing so rapidly. It is the rich alluvial soil upon which is builded the agricultural prosperity of Mississippi county. The statements of fact in the pamphlet are amply backed by views of crop scenes which are second to none.

Blytheville, the county-seat, is said to be the biggest cotton market in Arkansas, as 500,000 bales are produced annually within a radius of 50 miles. Blytheville is interested in textile mills, having none at present, although it has 11 cotton gins, two compresses and a cotton-oil mill. Cotton is the principal crop, but the illustrations of agricultural scenes show that a great variety of crops are produced, and in abundance, in the fertile soil of the region.

According to an announcement by W. F. Vahlberg, Commissioner of Finance, Oklahoma City will vote in November on a bond issue to erect a combined city hall and office building.

### If We Had Not Loaned—A View of What Might Have Happened to Us.

[From the New York Times.]

To the Editor of the New York Times:

Much has been said about the propriety and wisdom of collecting the inter-Allied debts. Repetition is useless. But a point of view which I have not seen in print has occurred to me.

The Allies could probably not have lasted until April, 1917, except for munitions, food and raw materials purchased here. When we declared war, enormous orders for the Allies were being executed here. Their representatives claimed and satisfied our Government that they had practically reached the limit of their financial resources so far as external purchases were concerned. In other words, it would not be possible for them to pay us in acceptable money for what they would have to obtain from us unless we granted these credits. We, therefore, offered them money as loans with which to pay our people for supplies they had to have from us, or lose the war forthwith before we could get ready.

Suppose they had said: "No, this is now your war as much as ours. We cannot win without your goods, it is true; but neither can you win without us. We have put everything we have, human and material, into our effort; for many months you will have nothing but material, which we furnish the men to use, and take the losses that go with the using, etc. What would we—what could we—have done about it? Refuse to deliver the goods unless they signed the obligations? They would have had to make peace forthwith. Germany would have had the combined German, Austrian, British and French fleets with which to bombard our seacoast cities, and we would have had no possible way to avert that except by also yielding to Germany on her terms.

We were, therefore, under just as great necessity to deliver those goods, whether the Allies paid or not, as they were to get them—possibly a greater necessity. For Germany knew that the Allies were "bled white," and that but for the food, raw materials and munitions obtained from us the Allies must surrender. England did not have six weeks' supply of food, and could get it from no one but us. If, therefore, the Allies, feeling outraged by the demand that they pay us for the only contribution we could make to the war, though they had thrown in their all, had offered to make peace with Germany on the basis of giving the latter a free hand with us—the only wealthy nation left—might they not have got very easy terms otherwise?

In other words, we had to make these payments or refuse to make them. Which was the cheaper for us? Had the Allied Governments been able, under the terrible stress of that time, to reason this dilemma of ours out coolly, as they have since seen it, what could we have done about it? And where payments that are truly overwhelming for them, though but about 8 per cent of our national budget for us, are involved, can one expect these people to feel that the fundamental equities are altered, and that they are welshers because they resent having the argument transferred from the fundamental equities and confined to the fact that these obligations were signed under circumstances that made it impossible for their representatives to weigh alternatives coolly and thus act fairly on behalf of those whom they were obligating for unforeseeable amounts during an unforeseeable period?

They do not feel, and they never will feel, that they are potential welshers; and a very large percentage of Americans who are really qualified, through knowledge of the circumstances of both sides to have a just opinion on the subject, agree with them.

S. L. G. KNOX.

Englewood, N. J., September 5.

### School Contract Awarded at \$1,196,000.

General contract for the erection of the proposed new Western High School building on Gwynns Falls parkway, Baltimore, has been formally awarded by the Board of Awards, of which Mayor Howard W. Jackson is president, to the P. C. Streett Engineering Company, Baltimore, at \$1,196,000. The structure will be four stories, of brick construction with stone trim, and is expected to be ready for occupancy early in 1928. Joseph Evans Sperry of Baltimore is the architect.

# Bankers Discuss Business Conditions in the Central South and Southwest.

A GENERAL SPIRIT OF OPTIMISM RUNNING THROUGH 20 PAGES AND OVER OF LETTERS FROM BANKERS IN ALABAMA, ARKANSAS, MISSISSIPPI, LOUISIANA, MISSOURI, OKLAHOMA AND TEXAS.

A conservative optimism, based largely on good crops already marketed and an excellent crop outlook for the immediate future, with bright prospects for favorable fall trade, are outstanding features in the letters we publish this week in the following pages from bankers in Alabama, Arkansas, Mississippi, Louisiana, Missouri, Oklahoma and Texas. This favorable condition prevails in spite of too much rain in certain sections, with a consequent reduction in the probable cotton crop, ranging in some instances up to as high as a 50 per cent decline. An occasional pessimistic note is sounded, but very rarely. And even in such cases the view is largely tempered by other conditions which present a somewhat more favorable aspect, notably the prospect of record-breaking crops of truck or small grains at good prices in sections where cotton has this year proved a partial failure. Broadly viewed, the letters give an excellent insight into conditions throughout the states named, and taken in connection with letters published recently in the MANUFACTURERS RECORD from bankers in the Southeast, these replies will afford our readers a comprehensive view of business conditions in the entire South at the present time and for the immediate future.

A striking feature of the letters from Mississippi is the sentiment several times expressed in different forms that the state is now out of the legislative woods; that the hampering, restrictive laws of the past are gone forever, and that the Mississippi spirit of co-operation and encouragement to every form of industrial or commercial development has the backing of all the people of the state, and will have further substantial recognition in the form of outside capital seeking profitable fields for investment. Some writers speak of the necessity for a better price for cotton if farmers are to have any permanent prosperity.

An Alabama banker says that what the farmers need in order to get into a sound condition and to stay there are refrigerating plants and better marketing facilities. Another Alabama correspondent tells an interesting story of the development of a curb market whereby farmers may come into town and sell direct to the purchaser. Very favorable reports come from that state on crop conditions in general, with special emphasis laid on the profit from early crops and the advantages of diversification. Industrially Alabama is at the crest of the wave, with production records being broken in the Birmingham district and with other factors unusually favorable.

Conditions in Oklahoma seem to be far above the average.

This applies both to conditions now prevailing and the general expectancy for the coming months. A potent factor in Oklahoma's attitude is naturally to be found in the healthy situation in the oil industry, on which the state so largely depends.

While there are only a limited number of replies from the state of Missouri, it is quite evident from the expression of railroad presidents and the spirit of the other letters received that the Southwest is in a condition of very sound prosperity.

In Arkansas the crops are above the average, with the exception of cotton, which is fair. There is a notable activity in the construction of hard-surface highways, and with the exception of continued low prices for farm products, there is a general improvement throughout the state. In fact, a bank in one of the leading Arkansas cities says that industrial conditions are the best ever known, with all plants running full time and additions being made.

Louisiana finds general conditions the best ever experienced in some parts of the state, with the greatest prosperity on record, while elsewhere in the state the poor condition of the cotton crop and losses experienced by the cane growers from the recent storm present a less favorable view. In Louisiana, as well as in some of the other states, the construction of good roads continues as a favorable factor in the general situation.

A number of the letters from Texas are highly charged with enthusiasm. Out in the Panhandle they are talking about a 25,000,000 bushel wheat crop and down in the Lower Rio Grande Valley they seem to be getting the favorable attention of other sections to such an extent that there is an unprecedented influx of outsiders. They are expecting bigger things each year from the rapidly growing market activities in citrus fruits and other crops of that section. Houston lays great emphasis on the Ship Channel and what it is doing and will do for the development of the entire Houston district. And from Beaumont comes a statement to the effect that even without the remarkable activity of Old Spindle Top, the prosperous conditions there are worth while telling the world about. Although the state seems to be raising a cotton crop too large for its own good, and consequently at too low a figure, reports throughout the state show that good feed crops may be expected and that there is ground only for optimism. One or two of the writers speak of the recent election of a new governor for the state as a particularly hopeful augury.

## Alabama

### Cotton and Corn Bring Prosperity.

Mayor's Office,

M. L. Robertson, Mayor.

Cullman, Ala., September 3.

Editor Manufacturers Record:

Respecting business conditions in this county, which is strictly agricultural, mainly cotton and corn growing, I can say with pleasure that the outlook at this time is quite favor-

able, as we have an average crop of cotton already made, corn is 25 per cent above the average, farmers' debts are about as usual, though the fertilizer bill will be heavy, and all those who practice business economy will find themselves on the right side of the ledger when the crop is harvested and marketed.

The State Highway Commission is putting a first-class Federal-aid road through this county, passing through the heart



of this city, putting us in closer touch with the outside world. About the average amount of building and improvement is going on within the city.

M. L. ROBERTSON,  
President, Parker Bank and Trust Company.

### Breaking All Previous Production Records for Iron, Coal and Steel in Birmingham District— Bank Clearings, Building Operations and Retail Trade at Top Notch.

Birmingham Trust and Savings Company.  
Birmingham, Ala., September 2.

#### *Editor Manufacturers Record:*

Business conditions in Alabama and the Birmingham district look most favorable to us at this time. We are surpassing all previous records in the production of coal, iron, steel, limestone, etc., and unless there should be a falling off between this date and January 1, the year 1926 will very probably produce record figures in the items listed above.

Our bank clearings up to September 1 surpass the same period in 1925. Our building program surpasses the same period of 1925 and bids fair to establish the highest amount heretofore expended in Birmingham in one year. Wholesale and retail trade, in view of the above, are ahead of any similar period in the life of the city.

As a great deal of mining and manufacturing in this district is done beyond the city limits of Birmingham, what is true of the city proper is likewise true of the vast north Alabama section.

The cotton crop, while late and somewhat interfered with, occasioned by the rains, looks the equal of any we have ever made, and I confidently look for a crop the size of that of 1925, which was as large as any ever produced in the state.

Lumber, while not as active as some months back, is still firm, with little curtailment of price. Shipping at Mobile seems better than for many years.

W. E. HENLEY, President.

### Diversified Crops Bring Good Prices—Building Operations Heavy.

The Commercial National Bank.  
Anniston, Ala., September 8.

#### *Editor Manufacturers Record:*

Crop conditions have improved very much in the last three weeks, and it looks as though we would raise one of the best corn and hay crops we have had for several years, with a good average crop of cotton. The yield of all other farm produce has been very fine and the farmers seem to be much pleased with the diversification of their crops, due to the splendid returns they have received this season.

We have no particular complaint as to present conditions, but as this section is dependent to a large extent upon payrolls from the large manufacturing interests, reduced payrolls on account of some of our factories being on short time has affected the situation to some extent.

Building operations have been on a very large scale for the past two years, principally in the residential sections, and this is expected to continue for some time as we continue to get new manufacturing plants, which necessitates new homes.

A new concrete highway has been recently constructed through our county at a cost of \$600,000.

With the large movement of textile mills from the East to the South, it seems the entire South has a very wonderful and prosperous outlook for several years to come.

C. R. BELL, President.

### Refrigeration Plants and Marketing Facilities Are What the Farmer Needs.

The Talladega National Bank.  
Talladega, Ala., September 10.

#### *Editor Manufacturers Record:*

My observation extends to Talladega, Clay and Shelby counties, Alabama, and not beyond. In Talladega county we make approximately \$1,500,000 worth of cotton per annum and consume same in cotton mills located within the county. We have 3000 automobiles, cost each \$300 per annum, or \$900,000. We are buying each year 1000 new cars at a cost of \$600,000.

Thus our cotton crop is absorbed in automobile gas and replacements. As these cars are bought on installment plan, practically all our cotton crop goes out of the state. The country town dweller faces hard times, as does the farmer; the country merchant and the farmer breaking above even is the exception. Our cotton mills are running, but it is a hand-to-mouth business and without much profit, if any.

We have done well in road construction both as to state highways and local roads. Talladega has new water-works, new gas works, largely increased school facilities and excellent railroad and hydro-electric facilities, and our local banks have funds beyond local demands. Our imperious need is for the improvement of our farmers.

As we see it, the farmer is not in need of credit, but is in need of refrigeration plants and marketing facilities. For instance, we have few hogs, cattle or chickens. A refrigeration plant, where the farmer could cure and store his meats, vegetables and fruits pending sale thereof, would do more for him, in our opinion, than anything else, and as the farmer's purchasing power increased the country town dweller would prosper.

By the development of our hydro-electric power on every farm and farm village, I see the possible solution of our farming problems.

HUGH L. McELDERRY, President.

### Corn and Other Crops to Compensate for Less Cotton.

The Monroe County Bank.  
Monroeville, Ala., September 9.

#### *Editor Manufacturers Record:*

The cotton crop in this county, in my judgment, will be a little less than the crop produced last year, and inasmuch as prices of this commodity are considerably under the prices paid last year, this crop will not yield as much money to the farmers as it did in 1925. However, the corn and other feed crops are considerably better than last year.

There is considerable highway construction under way, and the St. Louis and San Francisco Railroad, which recently purchased the Muscle Shoals, Birmingham and Pensacola Railroad, are spending, and will spend, a large amount of money in rebuilding and rehabilitating this road. This highway construction and railroad work will release a considerable amount of money and, on the whole, I look for good business conditions.

This is a good agricultural territory, and we look forward to steady progress and development. One of the greatest needs of this section is hydro-electric power, and we have no doubt that power lines will be extended into this territory in the near future. We need more manufacturing, and I believe that this will come with the power lines.

The lumber industry is the largest manufacturing interest we have at present, and sawmills have been running regularly all the year and will no doubt continue to do so for some time.

J. B. BARNETT, President.



## Largest Corn and Hay Crop in Years—City Paving and Highway Construction Active.

The Central National Bank.

Albany, Ala., September 13.

*Editor Manufacturers Record:*

In the section of north Alabama adjacent to Albany-Decatur the cotton yield per acre will be somewhat below that of 1925. The rather unusual rainfall at a period when the cotton stalk should have been putting on its fruit has made an unusually large stalk and will reduce the yield proportionately. The crop is above normal.

The corn and hay crop is very much better than the 1925 crop—in fact, the largest corn and hay crops for many years. And with dry weather favorable to maturing and gathering, the farmers in this section should have plenty of corn and hay to run them the coming season, and in addition should be able to put quite a quantity of both on the market. The buying power of the farmers should be good this fall, in view of the fact that they have been anticipating a low price for cotton and have endeavored to produce on a basis whereby 15 cents a pound would yield them a profit. Industrial and general business outlook for the next six months is considered very promising.

The Highway Department has under construction 12 miles of road, which will cost approximately \$200,000. This road will develop one of the best local trade territories we have. The department is also erecting across the Tennessee River at Albany-Decatur a bridge of concrete and cement, a handsome design, and to cost when completed \$500,000. It is expected to be ready for traffic in the early spring of 1927. The Highway Department is building a causeway in connection with the bridge which will cost approximately \$120,000, thus supplying a missing link in the Bee Line highway.

The cities of Albany-Decatur have recently completed the paving and resurfacing of a great number of streets at a cost of several hundred thousand dollars. The city of Albany is now expending \$75,000 on its public schools; this improvement consists mainly of better equipment for the buildings already erected. There is under construction in Albany-Decatur a new ice plant, three additional warehouses for the storage of cotton, and the compress here has also built new brick storage warehouses for cotton. These buildings alone will cost \$75,000. One of our local banks is building a new home, to cost \$150,000. A new wing is being added to the Benevolent Hospital at a cost of \$70,000, and the old building will be remodeled for an additional \$10,000. There has been completed recently a handsome church building costing \$60,000. The most conservative estimate of new money invested in new homes the past six months indicates an expenditure of \$150,000.

It appears that for the next six months new building will be about 10 per cent less than the past six months; this estimate refers to business and residences. Our road building will be small after the present contracts are completed.

General business of the merchants has been about normal for summer months, and we have had few failures in the last half-year.

THOS. A. BOWLES, President.

## Unusually Good Business in South and Central Alabama.

The Farmers National Bank.

Opelika, Ala., September 7.

*Editor Manufacturers Record:*

On a three weeks' auto trip throughout Alabama and adjoining states I found business unusually good in south and central Alabama. The prospects for fall business in north

Alabama, in my opinion, are as good as for several years past.

The corn crop is the best I have seen for years, and from the present outlook I believe the Alabama cotton crop will be about the same as 1925.

We are progressing fairly well in road construction, and new buildings, both business and residence property, are being constructed in practically all parts of the state. We are expecting a good season's business; collections so far are very good.

W. T. ANDREWS, President.

## Big Paving Program—Crops Good, Except for Cotton.

The First National Bank.

Huntsville, Ala., September 2.

*Editor Manufacturers Record:*

The city of Huntsville is in the middle of a paving program aggregating about \$800,000. It looks as if the city authorities would run this to \$1,000,000 before they finish their program. Building operations in the city and suburbs have been unusually active, probably larger than usual.

Our loans and deposits are holding their own for this season of the year. Both compare favorably with other years.

The only unusual condition is the dullness with the cotton mills with the sale of their products.

We have made and harvested a good hay crop, having put away already this year more than we made last year, with the full crop of hay to be yet harvested. We are making a good corn crop. We hear from our customers and friends all sorts of reports about cotton. Taking the reports as a whole, I would think that we in Madison county would make some 50 or 60 per cent of the cotton crop last year, when we made around 50,000 bales.

ROBERT E. SPRAGINS, President.

## Early Crops of Truck Stimulate Local Business.

The Bank of Atmore.

Atmore, Ala., September 11.

*Editor Manufacturers Record:*

Business conditions in our immediate section have been good for the whole year. Early crops of potatoes, berries and peaches put a good amount of new money into business channels.

The Highway Commission has been doing considerable road construction on the highway leading south through Alabama and to connect the new bridge being constructed into our neighboring city of Mobile. The commissioners of Escambia county have under consideration the building of a paved road from Pensacola to our town at the north boundary line of Florida.

The purchase of the Muscle Shoals, Birmingham and Pensacola Railway by the Frisco and subsequent extension of that line to Aberdeen, Miss., via Kimbrough, Ala., will give us another trunk-line railway north and south, the Louisville and Nashville now serving us east and west. The Frisco has construction offices in our town and is pushing the work on that line. Crops of corn and other food crops are ample for local use, with a surplus to sell those not so fortunate. Cotton production in the section will be about 60 per cent of a normal crop. We will not make the cotton we did last year, as that was an exceptional cotton year with us.

We have three large sawmills cutting native yellow pine lumber. The payrolls of these mills and the payrolls of the naval stores manufacturers add considerably to the prosperity of the section.

As a whole, we feel we are indeed fortunate in this section.

E. F. GOLDSMITH, Vice-President.

## A Happy Change From the One-Crop System to Cotton, Corn and Cows—Good Highways Adding to Prosperity.

The City National Bank of Selma.

Selma, Ala., September 7.

*Editor Manufacturers Record:*

Because I value his opinion, I have asked Senator Ellis to give me a written statement of his views of business conditions throughout the Southern states, which statement I take pleasure in enclosing.

My observation leads me to conclude that the South is just about to move out into its stride. For many years we have been handicapped by lack of capital, of highways, railroads and many other needful things. It seems now that we are about to supply the so necessary things and give this section a chance to progress somewhat in keeping with the natural blessings which we enjoy.

As to agricultural conditions, a happy change is taking place away from the old large landowners' system more and more to the owner-farmer, and we are also breaking away from the one-crop system to the "Three C" system, meaning cotton, corn and cows. We have always raised some corn and a very few cows; we are now raising a great deal more corn and the dairy interest is making itself felt.

We are not an industrial section, though we have industries. We might well have more.

The general outlook seems to be very bright, as is indicated by the flow of business through the wholesale and retail houses of Selma and by the large increase of savings deposits in the city.

One of the things most needed has been highways over which we can travel twelve months in the year. Through the sale of bonds by our county and the co-operation of the state and the United States Government we are now constructing highways open the year around, which gives free traffic to all vehicles, and this in itself is contributing greatly to our prosperity.

For a number of years we have had a city government which has been looking to the future and has been laying a good foundation for progress, in that it has paved practically all of our principal streets and a great many of less important streets. The city is still carrying on a paving program.

Our building permits and building operations are larger than before in the history of the city. We have recently completed the construction of a \$200,000 junior high school and a \$200,000 Y. M. C. A.

I believe that Alabama, and surely our section, is in step with the other Southern states in the progress and prosperity which seems to be coming to this entire section.

H. C. ARMSTRONG, President.

In the letter from State Senator James B. Ellis to Mr. Armstrong, he said:

"The writer has been recently on an auto trip which carried him through four Southern states. The impression gathered from business men throughout the trip was the constant improvement in conditions.

"One subject that seemed to be foremost in the minds of the people everywhere was the construction of permanent highways. In our immediate section I think there is a demand for a more intensive system of highway construction; possibly the one drawback in what we term the 'Black Belt of Alabama' is the large landlord system. What we need is to invite capital to come into our state by offering choice lands at a reasonable price. Selma is located in the center of a great agricultural district. It will sell the largest corn and grain crop this year that has been grown in the past decade. The cotton crop indicates about 75 per cent of a normal crop. In Dallas county, of which Selma is the county-seat, we have 639,000 acres of land, with about 320,000 acres ready for cultivation. On all this area there is something that can be

grown twelve months in the year; yet the valuation of lands has been kept down solely for lack of co-operation with the large landlords in not encouraging small farmers to come into our midst and locate.

"We passed at the last legislature a law giving cotton mills locating in the state taxation free for a term of five years. This is a simple gesture in the right direction that we trust will be reinforced by more progressive legislation passed during the year 1927."

## Sound Development Along All Lines—Expansion in Manufacturing Plants.

Autauga Banking and Trust Company, Inc.

Prattville, Ala., September 3.

*Editor Manufacturers Record:*

Business conditions in this section are good. There seems to be a shortage of medium priced residences and a general inclination of manufacturing plants to investigate the conditions that exist in this part of the state.

The agricultural condition seems to be on a good sound basis. Some lands are changing hands and a general satisfied condition prevails in this territory. Many new schools are being built and many improvements made on residences and enlargements on plants that are now running to their full capacity.

Highway construction is of a very satisfactory nature, many graveled roads being built, and in most cases the highways are built of a hard-surfaced material.

Banking conditions are good, the deposits all growing in the large banks, as well as in the banks in the smaller towns. There does not seem to be anything like a boom in this section, but a tendency to grow and spread of a very sound nature.

C. E. THOMAS, President.

## Conditions Fairly Good, With Possibility of Slight Curtailment in Some Lines.

First National Bank.

Bessemer, Ala., September 1.

*Editor Manufacturers Record:*

Business conditions are fairly good. We notice, however, some of our iron furnaces are accumulating some stocks of pig-iron on their yards. It has occurred to us that the demand for pig-iron for the next few months will not be quite as good as it has been for the past year.

Highway construction, municipal improvements and building operations are about as usual, possibly a slight curtailment in the building of residences within the last 60 days.

This immediate section is not an agricultural community, but nearly all mining and manufacturing, largely coal, iron and steel. Our neighboring counties report, however, that the cotton crop, due to excessive rain, is not quite so good, as there has been considerable shedding within the last 60 days. We expect a fairly good crop if the weather conditions are favorable from now on.

W. H. LEWIS, President.

## Past Year Good, With Favorable Outlook.

Alabama Bank and Trust Company.

Montgomery, Ala., September 10.

*Editor Manufacturers Record:*

Conditions in our section have been good through the year and the outlook for the coming year is also good. While the cotton crop will be somewhat less than last year, the reduction is not sufficient to be material.

Construction and building operations in our city have been quite active.

M. A. VINCENTELLI, President.



### How the Curb Market at Tuscaloosa Brings Farmer and Town People Together to Their Mutual Advantage.

The Merchants Bank and Trust Company.

Tuscaloosa, Ala., September 4.

*Editor Manufacturers Record:*

In western Alabama we have as good a corn crop as we have had for many years. The acreage is about an average. The cotton crop is, in my judgment, about 65 per cent of what it was last year. The acreage is probably about 10 per cent greater. This will make the yield about 70 per cent of the 1925 crop.

This community grows no fruits, watermelons or vegetables for shipment, but there are a number of farmers who make a specialty in peaches and watermelons for the local market. Some examples of these will no doubt be of interest.

Charles Shirley planted three and a half acres in watermelons. He has a two-horse farm. On August 28 he told the writer he had sold enough melons off that patch this year to pay all the expenses of making his crop and had "banked" about \$400; would make enough corn and hay to do him two years and had one and a half acres of young melons to sell. He planted no cotton.

Troy Hinton sold more than \$800 worth of peaches from one acre in 1925.

The Alabama Insane Hospitals, located here, gathered about 4000 bushels of peaches from 12 acres. Twelve of the average Elberta peaches from these places would fill an ordinary fruit basket to overflowing.

The "curb market" has been in operation for about three years. An explanation of this may be necessary.

The city authorities have allowed the farmers the privilege of vending their products on the curb and part of the street and sidewalks on the Courthouse block, about 350 feet in length. These sales are on Tuesdays, Thursdays and Saturdays. The privilege of operating on the curb costs 20 cents a day. This is to cover cost of the supervision by the marketmaster. The citizens of the town have entered heartily into the market and no opposition has arisen from grocery merchants. These people reach the curb the year round before daylight; their customers begin to arrive about the same time.

This curb market has brought a contact between the town and country people that could not have been accomplished in any other way. Much of the selling and buying is done by the women, and they seem to get much pleasure out of it.

Recently Secretary Herbert Hoover made an address at the commencement of the University of Alabama, located here. Some one told him of this curb market and he and Mrs. Hoover were among the most interested spectators of the

market on the day of their visit. Mr. Hoover expressed himself freely as to his favorable opinion of the scheme.

On this market all kinds of vegetables, fruits and farm produce, eggs and chickens are sold, as well as preserves, jellies and cakes. The prices are fixed by the marketmaster and are uniform. The curb market has been a great success.

All other industries here are running full time. Among these lumber, coal and iron are the largest. There is every indication of good business during the winter.

The general business outlook is good; in fact, better than last year.

C. B. VERNER, President.

### Excellent Crops Throughout Alabama—Bright Outlook for Industry and Business Generally.

Bank of Hartsells.

Hartsells, Ala., September 2.

*Editor Manufacturers Record:*

Alabama has an excellent crop throughout the entire state. The industrial and general business outlook is indeed very encouraging. The banks of the state were never in a more prosperous condition.

We have hydro-electricity in abundance for manufacturing enterprises, as well as for all modern conveniences in the home and business. Alabama stands at the top in hydro-electric power in the South, with 500,000 horsepower yet undeveloped. We have iron, coal, marble, limestone, granite, clay and timber waiting for the miner's pick and the woodsman's axe, and we believe that Alabama is destined to lead the entire South.

I. V. GRIFFIN, Vice-President.

### Diversification Proves Salvation When Bad Weather Damages Some Crops.

Gulf, Mobile and Northern Railroad Company,  
Mobile, Ala.

Jackson, Tenn., September 3.

*Editor Manufacturers Record:*

Conditions in those portions of Alabama, Mississippi and Tennessee through which we operate are economically good. Crops are late and, in some sections, very badly damaged, but diversification of efforts both in agriculture and in other lines has proven of great value to this territory.

The tendency which has existed permitting extravagance in municipal enterprises, and, as a consequence, producing mounting taxes, has materially improved, though this still seems to be one of our great weaknesses.

I. B. TIGRETT, President.

## Arkansas

### Industrial Conditions Best Ever—Agricultural Prosperity Dependent on Individual Effort and Intelligence.

The National Bank of Arkansas.

Pine Bluff, Ark., September 4.

*Editor Manufacturers Record:*

Five years ago I decided that if we were to lend money intelligently for agricultural purposes it would be necessary for me to become familiar with agricultural conditions and visit our customers weekly during the growing season. This is what I have done from the 15th of March to the 15th of September every year, and my conclusion is that agriculture

can be stabilized and made profitable, provided economy is practiced and interest kept up in farming during 12 months in the year rather than for four or five, and a man who is industrious and energetic can make as much of a success farming today in Arkansas as he ever could, provided he has the proper set-up and is anxious and willing to succeed. This cannot be done by thriftless, indolent tenants without any conception of economy and depending largely upon some one to furnish them money on which to operate. There is a constant elimination going on in agricultural lines, and those who are falling by the wayside are the ones who have extravagant living habits and do not know anything about economy in farming operations. I believe that condition will prevail always, but the man with energy, ambition and vision can make more money farming than in any other line of endeavor

unless he is well trained in industrial lines or general business. I think the trouble with agriculture is one in which the personal element governs entirely.

Industrial conditions are better in Pine Bluff than they have ever been. All industrial plants are running full time and other plants are being added to our industries every year. We are served by electric power from Rammel Dam, as well as from the oil and gas fields of Arkansas and Louisiana.

General business outlook is not good on account of the depressed condition in agriculture, but that is a problem that cannot be solved except by the gradual process of elimination.

Building operations exceed last year.

There is a tendency for better highway construction throughout the state.

There is an interest being manifested throughout the state in anything of an industrial nature. I am of the opinion that there is an abundance of labor available and some capital for any meritorious industrial enterprise seeking location in the state.

W. C. HUDSON, President.

### Crops Above Average—Active in Highway Construction.

First National Bank.

Mena, Ark., September 2.

*Editor Manufacturers Record:*

At this time crops look to be above the average, and if prices are good the financial condition of the farmers will be much improved. Highway improvements are going right ahead. Not over three years ago we were very backward in highway work, but now we have three different highways and can travel in any direction. The tourists are now coming to this section, and we see a future for this kind of business. There are no building activities.

I think real estate is getting better, for the farms have begun to turn, cattle also are getting on a sounder basis.

J. T. MAGRUDER, President.

### Full Crops of Corn and Forage—Cotton 75 Per Cent—Lumber Normal.

Merchants and Planters Bank.

Sparkman, Ark., September 8.

*Editor Manufacturers Record:*

Our county (Dallas, situated in southwest Arkansas) will gather about 75 per cent of a normal crop of cotton and a full crop of corn and forage.

Lumber for both yellow pine and hardwood is about normal. A new hardwood lumber plant will soon be in operation at Sparkman. A new high-school building is just completed and several new residences are under construction.

Highway building is well under way and local banks are carrying strong reserves. The outlook is good.

CHARLES E. HAYS, President.

### Best Since 1919—All Factors Improved, With Exception of Prices for Farm Products.

The Interstate National Bank of Helena.

Helena, Ark., September 2.

*Editor Manufacturers Record:*

We consider general business conditions in this section much improved; in fact, we feel they are better than they have been since 1919. This applies to all factors in this section, i. e., to agricultural, industrial, municipal improvements, building operations and highway construction.

Crop conditions look very favorable at this time, and,

provided there is no further setback to the cotton crop, we look for conditions to improve materially within the next six months.

The only weak spot we notice in conditions is the price of farm lands, and we do not feel that this condition will be improved until there is a radical adjustment in the value of farm products.

HENRY P. ANDERSON, Vice-President.

### Business Conditions Good—Agriculture Shows Marked Improvement, With Road Building Active.

Union Trust Company.

Little Rock, Ark., September 3.

*Editor Manufacturers Record:*

Business in this state is good and fairly profitable to the right kind of people. It is not especially easy to make money, but the volume of transactions continues fairly large and moderate profits are within reach of those who operate on the right basis.

A period of definite agricultural advance between this year and ten years ago is marked and strong. The future is quite promising, based on the state of mind and outlook of the people of the agricultural element. Cotton planting on a large scale remains an unsolved subject, but the development in other agricultural products, marketing methods, etc., is gratifying.

With promise of a fair industrial future and continuing growth of its established production, the general business outlook is good.

Highway construction has proceeded at a rapid rate during the last ten years. The general routes throughout the state now are fairly well completed.

Municipal improvements are quite general in Little Rock and other cities in this state.

Building operations continue active, although housing requirements have been generally met. There has been an unusual proportion of apartments constructed in the city, a type of houses that is new in this country. A great wave of home owning is going over the country and a large number of new homes have been constructed and the movement continues.

MOORHEAD WRIGHT, President.

### A Cotton Section Which Is Making Rapid Strides Forward.

The Farmers Bank and Trust Company.

Blytheville, Ark., September 1.

*Editor Manufacturers Record:*

We are located in what is known as the delta section of the Mississippi River Valley. Our principal crop is cotton. However, our land is very fertile and produces well in corn and hay, more especially alfalfa. Only about 50 per cent of our land is in cultivation at this time. In 1925 Mississippi county alone grew and ginned 157,000 bales of cotton.

In this particular section there is a very bright outlook. The lumber industry is gradually cutting out, but we are trying to induce other manufacturing industries to locate here. This would be an ideal location for textile manufacturing, as we have the raw material and plenty of labor adapted to this kind of work. Arkansas, and especially this vicinity, is going forward very rapidly. We are building more high-class, substantial hard roads than any other section of the state. All of our municipalities are improving, and it seems that we are on the threshold of a period of advancement in this section.

B. A. LYNCH, President.



## Mississippi

### Farmers Advancing Through Improved Methods and Equipment.

Columbia Bank.

Columbia, Miss., September 9.

*Editor Manufacturers Record:*

Conditions in our section, the southern part of the state, are very satisfactory from an agricultural standpoint. We are now in the midst of gathering our cotton crop, which has deteriorated in the past 30 days from weather conditions and insects, but we are getting a satisfactory crop and price. Our farmers are optimistic and are in good financial shape for this time. They have made a great advance by using improved implements and through new ways of farming.

Our corn crop is short, due to decrease in acreage. Farmers are complaining of labor shortage for picking cotton and labor is demanding \$1.50 per hundred, which farmers refuse to pay.

Merchants, farmers and bankers feel that the end of the year will bring us a very satisfactory result.

The state has floated large issues of bonds for schools and highways and our people have voted for these issues willingly; our roads and schools are the pride of our citizens.

Building operations are much in evidence, new homes and improvements to old ones.

Our sawmills are moving on full time and the price of lumber is satisfactory.

W. E. LAMPTON, President.

### Cotton 15 Per Cent Above Average—Increase in Building Operations.

The Commercial Bank,

Clarksdale, Miss., September 2.

*Editor Manufacturers Record:*

Conditions here may at this time be classed as favorable. The cotton crop indicates 15 per cent better than average. More feedstuff is being raised than usual, and most of the planters will save enough for their own use.

There is little activity in industrial lines, although this year has shown a number of gin plants being erected and repairs made on existing plants.

Only a small mileage of hard-surface highways has been added to our present system. Roads are being maintained in excellent condition. There is considerable municipal improvement in the extension of paved streets, erection of water and power stations. Building operations are 15 per cent to 20 per cent in excess of last year.

With fair weather conditions, a rapid gathering of the cotton crop will bring to us the most favorable general conditions that have come to us in the past few years.

J. O. LAMKIN, President.

### Pontotoc Riding the Crest of Prosperity.

Bank of Pontotoc.

Pontotoc, Miss., September 3.

*Editor Manufacturers Record:*

Pontotoc county is on the biggest boom it has had for 20 years; the two banks have more money on deposit than ever before. At least 20 residences are going up. The Bank of Pontotoc is erecting a nice building; the town is going to pave its streets and the county is building more hard-surface roads than any other county in the state. The county has more fine Jersey cows and more poultry farms and sells more eggs and chickens than any other.

R. P. BROWN, President.

### Greatest Feature of Present-Day Prosperity in Mississippi Is the New Vision of the People of the State.

The Bank of Tupelo.

Tupelo, Miss., September 8.

*Editor Manufacturers Record:*

Generally speaking, conditions in this state, and specifically in this vicinity, in agriculture, industry, highway construction, municipal improvements, building operations, etc., are more than ordinarily satisfactory and encouraging. However, to my mind, the most satisfactory and encouraging thing in Mississippi is the fact that the program started many years ago of providing education for the masses of our people is beginning to bear fruit in the form of a broader, wider, more intelligent consideration and understanding of our problems and their sound and permanent solution; that this is true, I think, is evidenced by the fact that the long, patient (and many times discouraging) effort of patriotic, far-seeing people has at last been rewarded by the progressive and, in the main, sound course pursued by the recent session of our legislature.

Of course, we are going to have our ups and downs, but I have great faith that the future of Mississippi is assured if only all of us will join hands in honest effort and look and think beyond the borders of our individual communities and beyond the borders of our own commonwealth. Our effort and thought should be directed toward attaining, as nearly as possible, for every man, woman and child, for every family and community, at home and abroad, opportunity to earn reasonable freedom from poverty, reasonable leisure and reasonable opportunity for genuine social improvement.

Everything considered, I do not see how we could expect the average of conditions and prospects to be more promising and encouraging than at the present time, although, of course, caution should be exercised always.

R. B. CLARK, President.

### Coming Season Depends Wholly Upon Price for Cotton—Present Condition Good As Could Be Expected.

Citizens Bank and Trust Company.

Yazoo City, Miss., September 2.

*Editor Manufacturers Record:*

Crop conditions are as good as could be expected at present. This is almost altogether an agricultural section. We will not make as much cotton as we did in 1925 and the crop will be fully one month later than last year's crop; therefore, cotton-picking is just beginning. But even with a shorter crop than 1925, if a fair price can be obtained our section will be in very good shape financially.

We have made a splendid corn and hay crop, which will be very much to the interest of our people in making the 1927 crop.

Our county has spent some money this year in the way of highway construction and it has spent a good deal in the way of municipal improvements, such as paving streets.

Building operations have been very good for a town of this size, as there are a good many homes being built. The First Baptist Church has built a \$40,000 annex and the Country Club has spent approximately \$60,000. These are among the improvements completed within the last few months.

JOHN P. BENNETT, Vice-President and Cashier.

### Mississippi Making Rapid Progress Toward Even Greater Prosperity—Seems to Have Politicians Choked.

Merchants and Farmers Bank.

Starkville, Miss., September 2.

*Editor Manufacturers Record:*

Our cotton crop is materially cut in this state, otherwise the 1926 crop will be large. Lumber production will measure favorably for past years. And our banks have more money than ever before at this season of the year.

Following reconstruction, beginning in 1920, our state has been greatly oppressed, but I believe every business man will join me in saying that Mississippi now is more progressive than ever in her history, except, of course, during the flush times from 1916 to 1920, and we would not exchange present conditions for those. We have had but one bank failure in two years that I now recall.

We impose a five-cent-per-gallon gasoline tax, and, coupled with this, local bond issues and Government aid, we rapidly constructed many highways, but unfortunately few of these are of concrete or other such lasting material.

We are a small county, but we have within our boundaries 20,000 Jersey cattle, many of these being registered; over 10,000 head are in actual milk on this date. We have a co-operative creamery which pays out annually about \$400,000 to the farmers of the county. The Bordens, within the year, have located here the only condensary in the South. They have spent a little over \$400,000 in installing the plant and are paying monthly to the farmers for whole milk from \$75,000 to \$85,000, which means with a co-operative creamery that the dairymen are realizing approximately \$1,000,000 from milk and cream alone. West Point, Aberdeen, Tupelo, Brooksville, Macon and Ackerman, all within a radius of 35 miles, except Tupelo, which is 85 miles, have local creameries.

The cotton crop in this county is of small moment to us, notwithstanding that last year we produced 8000 bales and the year before a little less than 5000. This year we will produce around 6000 bales and more corn, hay and other crops than we have made since 1916.

The Southern Tariff Association, which embraces 22 railroads doing business in the South, has given to Borden at this point storage and transit privileges which enable us to compete with Chicago and the Northern markets in freight rates with all Southern points, including water-transportation points, so that we are looking forward to steady prosperity and development.

Recently we have had hydro-electric power brought into this county from Muscle Shoals, and if we can ever choke the politicians, this and other power in the South will add greatly to our prosperity and general ability.

G. ODIE DANIEL, President.

### Agricultural Situation the Best Ever—Whole Section Very Prosperous.

Peoples Bank and Trust Company.

Tupelo, Miss., September 2.

*Editor Manufacturers Record:*

The agricultural situation for the past 12 months has been the best we have ever had following a large cotton crop and a good corn crop. The outlook at this time is also good, the cotton crop promises to be average and the section has prospect of one of the finest corn crops we have ever produced.

The industrial situation is fair and good; textile situation is sluggish to bad; lumber industries running full time and good business; interest continues in improved highways and city paving.

As a whole, our section is very prosperous and the outlook

good. Business is on a sound basis; money plentiful for all legitimate purposes. Our farmers are depending more and more on the chicken and the cow to help finance their cotton crops and keep up the family automobile.

S. J. HIGH, President.

### Crops Excellent, But Better Price Needed for Cotton—Building Activities Never Surpassed—Educational Facilities Rapidly Improve.

Bank of Louisville.

Grenada, Miss., September 4.

*Editor Manufacturers Record:*

As you well understand, Mississippi is an agricultural state, cotton being the principal product; therefore, our prosperity depends upon the production as well as the price the producer may receive as compared with cost of production. At this time the price is under cost of production, yet we hope for an increase later in the season, when we expect good business.

The Delta section of the state will produce the largest hay and corn crop in its history. I believe the state will produce sufficient corn to answer its needs.

Such of our financial institutions that have not wholly "cleaned house" since the eventful 1920 are making good progress toward that end, and all seem to have larger deposits.

Building activities as a whole were never surpassed.

Our transportation companies are placing their properties in A-1 condition and rendering good service.

The construction of permanent roads (something we so much need) is being pushed to the limit.

Our educational advantages show 100 per cent improvement over even eight years ago.

Our people are more favorably disposed toward enforcement of the Volstead law, which has proven a great blessing to our state as a whole.

There is a current of optimism pervading the minds of our people, which forebodes better times and better people, with grateful and thankful hearts for the many blessings we have enjoyed.

J. T. THOMAS, President.

### Favorable Conditions in Northeast Mississippi—Increased Attention to Dairying.

Columbus National Bank.

Columbus, Miss., September 3.

*Editor Manufacturers Record:*

Northeast Mississippi is and has been for the past several years enjoying a steady growth and its financial affairs are probably more stable than those of any other section of the state. We are primarily dependent upon agricultural products, which are well diversified.

The cotton crop is not as good as last year, but other crops are probably better. The cattle and milk industries are developing very fast, and it is generally thought will largely replace agricultural activity.

The Frisco is extending its lines from Aberdeen through Columbus to Pensacola and developing a section that will be very prosperous. Highway construction has always been well advanced here, municipal improvements are now extended and building operations are better than they have been in a number of years.

While due to no one particular source, general conditions are very favorable.

GEORGE P. WALLER, JR., Cashier.



## Everything Points to Continuation of Agricultural, Industrial, General Building and Banking Development in Mississippi Along Broad Lines.

Mississippi Power Company.

Gulfport, Miss., September 3.

### Editor Manufacturers Record:

Business conditions in Mississippi are favorable. The banks have greater resources than they have ever had, and this at a season when deposits usually are low.

The cotton crop is not so good as it was last year, but last year's yield was unusually large. This season's crop is somewhat late, but it promises to be much better than an average year. The only uncertain element is the price. Crops other than cotton are good. There is no agricultural depression or distress in Mississippi.

There is a wholesome improvement in industrial lines. Industry has been, as you know, weak in our state, but much activity exists now both in the restoration of idle plants and in the construction of new ones.

Building operations over the entire state are above normal. This is particularly true of the Mississippi coast section, where a large construction program is under way. In this area alone private building enterprises and county and municipal improvements already begun aggregate more than \$25,000,000. Much satisfactory work is being done in the construction of state highways. It will not be very long until a highway system maintained by the state will extend into every section of Mississippi.

Recent incentives to a large development certain to take place are the acquisition of the Gulf and Ship Island Railroad and the Alabama and Vicksburg Railroad by the Illinois Central, traffic arrangements between the Burlington system, the Gulf, Mobile and Northern, and the New Orleans Great Northern and the construction of high-power transmission lines by two large power companies. Large investments are being made in all these projects. Confidence in the future of the state is assured by the fact that these developments have all taken place within the last year.

Mississippi has had a wholesome revision of state laws and state policy. Industry can now develop in Mississippi under as favorable circumstances as in any state in the Union.

At the present time business is good in every line. I see nothing threatening a continuation of this favorable situation.

B. E. EATON, President.

## In Better Condition Than for Many Years Past—Bank Deposits Greatest Ever.

Britton & Koontz National Bank.

Natchez, Miss., September 4.

### Editor Manufacturers Record:

General conditions in this section are better than they have been in many years. By this section I mean Adams, Wilkinson and Jefferson counties of Mississippi and Concordia, Tensas and Catahoula parishes of Louisiana.

The cotton crop, while it will be considerably under last year's production, will be well over the average of the last five years, and the corn and other feed crops are considerably better than last year. The farmer should be in a stronger position than at any time since 1920, with the exception of the truck farmers who suffered loss because of the poor price

for tomatoes. The general business outlook is favorable; a number of important links in our highway system are now under construction, and this city is in the midst of a \$500,000 paving program. There are more building operations going on at this time in the city and in adjoining towns than in the whole period of the last 10 years. Bank deposits in Natchez are greater than at any time in the past, and none of our banks showed rediscounts or bills payable on last statement.

M. R. BELTZHOVER, President.

## Satisfactory Crops, Good Retail Trade, More New Building Than Ever Before, Outlook Promising.

Booneville Banking Company.

Booneville, Miss., September 1.

### Editor Manufacturers Record:

This is primarily an agricultural section; our present crops are principally cotton and corn. While we have a much larger acreage of cotton in this year than last, we do not expect to harvest as large a crop, perhaps 75 per cent of last year's crop. Our corn crop will be practically the same, and it was very good last year. Our merchants have enjoyed a steady business the entire year; in fact, they have not witnessed the summer dull season as heretofore. We are having consistent highway construction through this entire section, all maintained by the State Highway Department. We have sold bonds for street paving and a sewerage system and more buildings are under construction than ever before in the history of the city.

We are located about forty miles from Muscle Shoals, and we are anticipating, as a result of the Mississippi Development Board, hydro-electric power through this entire section, when this should be converted into one of the greatest industrial sections of the United States. Summing it all up, I feel that present business conditions are good and the outlook very promising indeed.

JOSEPH W. SANDERS, President.

## General Outlook Not So Good As Year Ago.

The First National Bank.

Brookhaven, Miss., September 3.

### Editor Manufacturers Record:

The outlook for business generally in this section is not quite as good as a year ago. Cotton is about fifteen days late, and the price is not as good by \$25 a bale; corn generally is as good as last year.

This county ginned 15,000 bales of cotton last season, and will probably gin 12,000 bales this year.

Bank deposits in this county show about the same as a year ago, which is good, considering that a great deal more cotton had been sold a year ago than has been sold up to this time.

A. B. FURLOW, President.

## More Real Progress This Year.

The First National Bank of Biloxi.

Biloxi, Miss., September 2.

### Editor Manufacturers Record:

Business for the present year is very satisfactory, this year's volume exceeding last year. We have more buildings under construction and more real progress is being made. We are looking forward to a continuance of the favorable conditions.

E. C. TONSMERE, President.

### Improved Farms, Better Schools and Churches— Active in Highway Construction.

The Citizens Bank.

Philadelphia, Miss., September 14.

#### *Editor Manufacturers Record:*

Conditions in this territory are very favorable. We have a good crop, and while prices for cotton have not been as good as they should be, the amount produced is sufficient to enable farmers to care for their obligations and buy more land or improve that already owned. This immediate territory produced last season the greatest crop in its history.

One of our customers spoke yesterday of the difference in making a crop now and a few years ago. It used to be that one began planting in March and finished harvesting in December; now we begin planting in April and harvest in September. The answer to this is increased fertilizer and intensive cultivation, by which we believe we will yet increase our production 50 per cent on the same amount of land.

Our trade territory embraces Neshoba, the western part of Kemper and the eastern part of Leake counties. The land is cut into small farms, most of them cultivated by the owner. When the boll weevil came, instead of the tenants turning to public work, the farmers faced the proposition, used some judgment, and now we have improved farms instead of deterioration and abandonment.

Also we have better schools and better churches. The county is spending around \$400,000 on highways and has more consolidated schools than any other county in the state. Philadelphia is spending \$300,000 for street paving, \$100,000 for school improvements, both white and colored, and during the past year has spent approximately \$200,000 on churches, store buildings, residences and other construction.

THOS. A. WEBB, Vice-President and Cashier.

### Best Pickle Crop in Years—South Mississippi Bestirring Itself in Building and Other Activities.

Bank of Wiggins.

Wiggins, Miss., September 7.

#### *Editor Manufacturers Record:*

Business conditions in south Mississippi are very favorable; we have had one of the best pickle crops in recent years, more than 200,000 bushels of cucumbers having been delivered by the growers to our local factory this season.

Weather conditions for the past 30 days have been detrimental to some extent to our cotton crop; our acreage, however, is somewhat larger and we will probably receive as much money as we did for the 1925 crop. Forage and other crops are in fair condition.

Building operations in this section, and especially on the Mississippi Gulf Coast, have been very active. All sawmills are running full time.

The general business outlook is good, and we feel that the development of south Mississippi has only just begun.

M. E. COOPER, Cashier.

### Fine Conditions.

The First National Bank.

Corinth, Miss., September 2.

#### *Editor Manufacturers Record:*

Conditions are fine in this territory. Our cotton crop is about two weeks late and moving is slow up to this time. Our deposits are as high as they have ever been and general conditions are good.

G. A. HAZARD, President.

### Cotton Crop Smaller, Other Crops Above Average—Bank Deposits at Peak.

First National Bank of West Point.

West Point, Miss., September 10.

#### *Editor Manufacturers Record:*

The cotton crop is not quite so large as last season, which was about 25 per cent above normal; corn and hay are both above the average and dairying is making a steady growth from year to year.

On the first of September bank deposits were probably as large as they have ever been at that season and there should be the usual seasonal increase during the next three or four months from the sale of farm products.

Highway construction in this county has made rapid progress in the last year or two, and about thirty miles of road has been delivered to the State Highway system for maintenance during that time and about that number of miles is now in course of construction.

In addition to several miles of paving already completed in West Point, there is under construction two miles or more of high-grade paving with concrete curbing, etc. There is more building going on here now than ever before, perhaps double that of normal times.

Outside capital is becoming interested in this section, we have fine locations for woodworking plants of every kind, cotton-manufacturing plants and mixed-feed mills, particularly mixed feed for dairy cows and poultry, for poultry raising is also becoming a considerable industry. We have unusually fine clay for the manufacture of brick and tile and this is being developed.

I am pleased to say that I feel conditions are favorable for this part of the South.

ARTHUR DUGAN, President.

### Here Agriculture Pays Tribute to Lumber Industry—Labor Busy—Outlook Good.

The First National Bank.

Lumberton, Miss., September 7.

#### *Editor Manufacturers Record:*

The agricultural development in this section is somewhat limited, due to lumber manufacturing, which offers tri-monthly paydays with a more attractive wage scale. However, the small per cent of our land area devoted to agricultural purposes has responded splendidly this year relative to corn, oats, sweet potatoes and Irish potatoes. Twenty-five per cent increase in cotton acreage and crops very good.

Considerable money is being expended on the network of graveled highways through this section in the way of maintenance, but no heavy bond issue or new construction work is planned.

Activities are manifest in some of our small cities in paving, street repairing, electric-light plants, etc.; and many new buildings of a more substantial and permanent nature are to be seen in process of erection in practically every city throughout this section.

Due to lumber activities and the harvest of cotton, all available labor is now engaged at a satisfactory wage scale.

All business seems to be a little sub-normal or ultra-conservative. However, jobbers and retailers report collections fairly good. Banks in this section report an increase in volume and deposits. Therefore, I consider the general business outlook as very good at this time.

W. W. PIGFORD, President.



## Louisiana

### More Progress in Last Two Years Than in 15 Years Before.

The First National Bank.

Arcadia, La., September 4.

#### Editor Manufacturers Record:

Business conditions in this section are good. The crop is a little less than last year, but everything is building up.

We are having electric high lines put all over the country, also good roads, telephones, rural mail routes, etc. In fact, our community seems to be on the eve of a great forward movement along every line. We have advanced more in the last two years than in 15 years before.

Our land values are increasing rapidly, and at the present rate they will double and treble in value in the next few years. Louisiana lands have been unduly cheap and have and still do represent the best investment for profit that can be found in the South.

Louisiana has everything to make it desirable to the homeseeker, raises an abundance of cotton, corn, sweet and Irish potatoes, sugar cane, rice, oats, barley, alfalfa and every form of vegetable. Our handicap in this section has been lack of railroad facilities for carrying our products to market, but the Illinois Central has bought out the road that covered this territory and is going to give us every service necessary for our development; I see no reason why within five years this section should not increase 200 per cent in population and land values increase in the same proportion.

Within the last five years Bienville parish has spent over a million dollars in highway construction and has now voted and begun the construction of another model highway across the parish at a cost of about \$200,000. In addition, the police jury handles several road districts over the parish where much local road building is done. We have as good roads as can be found in the state at this time and are still building.

W. M. DEAS, President.

### Active Industrially—Farmers at Disadvantage Account Low Prices for Agricultural Products.

Central Savings Bank and Trust Company.

Monroe, La., September 13.

#### Editor Manufacturers Record:

In this section of Louisiana results are very satisfactory from a business and industrial standpoint. From an agricultural standpoint we are not faring so well. The present prices of various commodities do not seem in line with the prices received for agricultural products, and this year especially the damage done by insects and inclement weather to our cotton crop will result in our cotton planters being in an undesirable shape. They have excellent feed and forage crops, which will help some.

Agricultural lands in this section are productive and generally classed as rich and fertile soil, but it seems that the farmer has been unable during the past five years to make expenses, using labor at the present price and on a competitive basis with the labor employed in industrial plants.

Business is very good and is reflected in increased bank deposits and bank clearings. In this section at present there is a large industrial development going on. Three of the larger paper and pulp mills are commencing work on increased housing facilities for additional machinery, which will double their capacity. The railroads are making local improvements and the sawmills working full time. The stave and heading industries are active and the carbon-black plants

are using all the gas permitted by the Conservation Commission.

We are enthusiastic over the prospects of this section and wish to thank you and the MANUFACTURERS RECORD for the exposition of Southern resources and development.

TRAVIS OLIVER, President.

### Satisfactory Business Conditions Based on Fair Crops and Good Building Operations.

Louisiana National Bank.

Baton Rouge, La., September 3.

#### Editor Manufacturers Record:

Business conditions surrounding Baton Rouge are about normal. Our agricultural conditions in cotton are not so good as last year, although the crop will be better than the average for the last five years. Our rice crop is a bit above normal. It would have been a bumper crop had it not been for some storm damage last week. Sugar cane has been damaged considerably by the storm and will not recover.

Several highway projects are under consideration and will soon be put out for bidding. Over a million dollars of municipal improvements have just been completed. Private building operations are going forward in good volume; this includes a new million-dollar hotel.

On the whole, business conditions and the outlook for Baton Rouge are very satisfactory.

W. P. CONNELL, President.

### Good Feed Crops Offset Poor Cotton Crop.

Ruston State Bank.

Ruston, La., September 17.

#### Editor Manufacturers Record:

I believe from reports that the people in this section are as a whole in a more prosperous condition than for some time past, notwithstanding that cotton production will not reach that of last year by a possible 25 per cent. The reduction in production of cotton has been more than offset by a splendid feed and grain crop, which will give the farming element more money than they have had for some years. Merchants feel quite optimistic and those doing a furnishing business are fast collecting for this year's supplies and are stocking up in anticipation of a good fall and winter cash business.

Industrially, conditions are satisfactory, although there is considerable shortage of labor, due principally to public workers going to the farms to pick cotton, as very attractive prices are being paid.

Highway construction in this immediate section is at a standstill. Recently this town voted \$150,000 bond issue for municipal improvements, which will consist of an extension of the sewer and water mains and power house. Building operations are normal and the town is making very satisfactory progress.

FRANK H. TARVER, President.

### Unfavorable Prospects As Result of Storm.

Ascension Bank and Trust Company.

Donaldsonville, La., September 2.

#### Editor Manufacturers Record:

Business in this section at present and the outlook for the future is not favorable. We have just undergone a terrific tornado which wiped out all agricultural prospect for a profit.

CHAREST THIBAUT, Cashier.

### Food and Feed Crops Better—Cotton 70 Per Cent of Last Year—Significant Industrial Developments.

Commercial National Bank of Shreveport.

Shreveport, La., September 4.

*Editor Manufacturers Record:*

Being interested in banks in Shreveport and Mansfield, I will give you an expression of my opinion of conditions in what we speak of as "Shreveport's trade territory"—Shreveport as the center with a 100-mile radius, including a part of east Texas, southern Arkansas and north Louisiana.

It appears that the outlook for the cotton crop is less than last year, probably 70 per cent of last year's yield. In many hill counties the crop is equal to last year's, but, generally speaking, the bottom or alluvial lands are comparatively poor. Food and feed crops, however, are decidedly better than in 1925.

Farm land and real estate values in the county-seat towns and smaller cities are firm and our people all have confidence in the future of this section.

There has been some progress made during the year in industrial developments. Very significant has been the completion of the great power plant at Sterlington, La., owned by the Couch interests, and significant is the extension of the service of the Southwestern Gas and Electric Company over a much wider range of territory, offering electrical current to small communities which have not heretofore enjoyed it; enlargement of the pulp and paper mills at Monroe and Bastrop and the contemplation of building another one in this territory, where gas is available for cheap fuel and almost an unlimited supply of second-growth pine for raw material; the projection of a textile mill at Shreveport; the erection of a modern brick and tile plant at Waskom are all indicative of what we believe to be true, that an industrial expansion in this territory is imminent.

It would seem that our public improvement schedule is about completed in the city, with many fine public buildings, good streets, the completion of a \$1,500,000 water supply, the development of municipal golf courses and all the public enterprises which generally command the attention of modern cities. All the leading towns in the surrounding territory, particularly county-seat towns, are following suit in a relatively aggressive fashion.

My belief is that values in this city and in the larger towns surrounding are on the upper trend, but the reverse is true of the villages and other smaller places, whose business has been seriously crippled by the development of the good-roads program. This section is well advanced in its good-road development, which has tended to draw trade away from country places. The old-fashioned country store is now almost a thing of the past.

Bank deposits in this city are about \$48,000,000, or nearly \$700 per capita. It is my belief that the general condition of the banks in the surrounding territory is sound.

Business has not been particularly active during the year, but in sufficient volume in the main lines to insure reasonable profits, the poorest conditions being in the old-style retail stores, only a few of which are in prosperous condition.

BEN JOHNSON, President.

### Cotton Crop Poor—Business on Upgrade.

Opelousas-St. Landry Bank and Trust Company.

Opelousas, La., September 3.

*Editor Manufacturers Record:*

Business in general continues on the upgrade. This is a farming community and the staple crop is cotton. Our cotton crop is not good. Due to too much moisture in the

spring, replanting was general, and the crop is from three to four weeks late. And in the last few weeks showers have been entirely too frequent. The result has been much shedding, and a large proportion of the plants have died. This parish will hardly produce more than 50 or 60 per cent of last year's crop, which, however, was an unusually good one. Picking is progressing at a rapid rate and if not interfered with by rains or storms our farmers should break even or make a little money.

E. B. DUBUISSON, President.

### Southwest Louisiana in Good Condition.

The First National Bank of Lake Charles.

Lake Charles, La., September 16.

*Editor Manufacturers Record:*

Business conditions in southwest Louisiana we consider in very good condition. Cotton and rice crops, we believe, are about 75 per cent normal, meaning that the yield will probably be about 75 per cent what was expected 30 or 60 days ago. Rains have interfered with the cotton and the rice is not yielding as heavy as was expected, owing to unseasonable storms. Cattle are bringing fairly good prices, with a normal market.

Lake Charles deep-water port facilities are about completed, which gave us an outlet to the Gulf of Mexico for ocean-going vessels, a number of which have already been in here for and with cargoes. We have a 30-foot channel from here to the sea.

The Lake Charles Rice Milling Company is just completing what is said to be the largest rice mill in the world, with a daily capacity for 4800 barrels of clean rice. This mill will be ready for operation about October 1 and it will load cleaned rice from its mill into ocean-going vessels in the Calcasieu River, on the banks of which its mill stands.

The oil fields near Lake Charles have been gradually developed by the Vacuum Oil Company and other oil companies who are holders of large blocks of leases. This development has been the direct cause of considerable growth in the population of Lake Charles and the building of new homes. Other improvements have been very active this year also.

N. E. NORTH, Vice-President and Cashier.

### Unprecedented Prosperity Based on Industrial Development—Agriculture in Fair Shape.

The Ouachita National Bank of Monroe.

Monroe, La., September 2.

*Editor Manufacturers Record:*

The business outlook in this immediate section is unusually good. Monroe is fortunate in being in the heart of a very large natural-gas field, and the industrial development, particularly in the last two years, has been very great. We attribute the present prosperity and bright prospects largely to this field and the developments it has brought. We have a steadily growing city, and building contractors are doing well and have all they can do.

Agriculture has not been as profitable as it should be, but the farmers are in fair shape and do reasonably well. They expect to make a fairly good cotton crop and will probably make a reasonable profit on this year's operation.

In our opinion, conditions as a whole are better than they have ever been, and we believe they will continue to prosper.

F. F. MILLSAPS, Cashier.



### General Conditions Best Ever: Labor Busy, Crops Good.

Calcasieu National Bank.

Lake Charles, La., September 2.

#### Editor Manufacturers Record:

General conditions are perhaps the best they have ever been here. There is a normal acreage planted to cotton and rice, the principal agricultural crops of this section, and the prospects at this time are very good. The harvest of each crop is just beginning. There is a little shortage of labor.

There has been more home building done in the towns in southwest Louisiana during the past year than in any other one previous year. The cattle industry, which is quite a factor, is on a good basis. A very considerable amount of oil-development work is being done by the large companies and satisfactory results are being obtained.

FRANK ROBERTS, President.

### Outlook Highly Favorable, Except for Sugar Industry.

Gretna Trust and Savings Bank.

Gretna, La., September 3.

#### Editor Manufacturers Record:

With the exception of the sugar industry, conditions agriculturally and industrially are possibly as good as they have ever been, and the business outlook is highly favorable.

In our parish we have under construction \$600,000 of school buildings, which is in addition to \$400,000 of school buildings constructed about three years ago. We also have under way around \$1,000,000 of road work and drainage work. The assessed value of our parish for the present year is over \$3,000,000, or 10 per cent in excess of 1925.

T. G. NICHOLSON, Vice-President and Cashier.

### Cotton Outlook Below Average—No Let-Up in Highway Construction and Municipal Improvements.

Commercial National Bank of Shreveport.

Shreveport, La., September 3.

#### Editor Manufacturers Record:

In the absence of any boom for a number of years, we have nevertheless enjoyed a steady and continued prosperity that has been quite in harmony with the advance the South generally is making. Perhaps no quarter of the South has moved along with greater poise and stability during the last decade than the territory contiguous to Shreveport, and yet at present I am forced to say that conditions are somewhat subnormal.

The agricultural outlook, as applied to our chief crop, which is cotton, is below the average of years. An excess of rain, cool weather and the hopper, our new cotton pest, have reduced the prospect of the alluvial lands to approximately

65 or 75 per cent of normal. The uplands, which will, however, represent 40 to 50 per cent of our cotton production, should yield a normal crop.

This has not interfered with highway construction, which goes on without interruption, or with municipal improvements in general. In each of these interests we shall see totals equal to last year, which was good. There has been some slowing down of building operations as to residences, etc., but not otherwise.

There is no general discouragement in the business prospect. Conditions are sound, the financial position of the community was never better, and we anticipate a good fall trade. Merchants are hopeful, and the banks are in position to supply adequately all the co-operation required.

R. T. MOORE, Chairman of the Board.

### Business Conditions Sound, With Poor Cotton Crop More Than Balanced by Excellence of Other Crops.

Mangham State Bank.

Mangham, La., September 4.

#### Editor Manufacturers Record:

Crop conditions are probably a little less promising, as regards outturn, so far as cotton is concerned, than last year. Whatever shortage is experienced in the cotton yield, however, will be abundantly made up in the more bountiful yield of corn, hay, peas, potatoes, etc. Business conditions are sound, bank loans in good shape, with a distinctive optimistic outlook as regards the future.

H. B. CHAMBERS, Director.

### Business Improving—Better Outlook for Farmers.

Alexandria Bank and Trust Company.

Alexandria, La., September 3.

#### Editor Manufacturers Record:

We see some improvement in business conditions the past 10 days. Cotton is beginning to move, price reasonable. We have predicted a 70 per cent cotton crop over last year. We had considerable rain at one time, with prospects very discouraging. I believe we have a happy outlook, and farmers in this immediate vicinity have better prospects.

V. V. LAMKIN, Vice-President.

### Building Active With Good Outlook.

First State Bank and Trust Company.

Leesville, La., September 3.

#### Editor Manufacturers Record:

Conditions in this section are good. We have had quite a bit of building going on for the past 12 months, and taking it all and all the outlook is good.

E. D. BOONE, Cashier.

## Missouri

### All Factors Indicate Continued Good Business.

St. Louis-San Francisco Railway Company.

St. Louis, Mo., September 3.

#### Editor Manufacturers Record:

Conditions on this line in the South are very favorable and everything, so far as we can see, is highly satisfactory. We are looking forward to excellent business for the balance of the year.

J. M. KURN, President.

### Very Satisfactory Outlook—Credit Conditions Sound.

First National Bank.

St. Louis, Mo., September 1.

#### Editor Manufacturers Record:

Business conditions are on the whole very good. The agricultural class will enjoy at least as good a year as 1925 and in some sections of the West and Middle West even better. Inventories are being kept relatively low and goods are

moving in an orderly and rapid manner from producer to consumer. The general credit and financial condition is sound, and while there is a prospect that money rates will stiffen somewhat, yet an abundance of credit for the business men at reasonable rates is promised.

All in all, the outlook for the remainder of the year is very satisfactory.

W. F. GEPHART, Vice-President.

### With Good Crops, Industrial Development Is Active and Situation in Southwest Is Considered Most Favorable.

Missouri-Kansas-Texas Lines.

St. Louis, Mo., September 4.

#### *Editor Manufacturers Record:*

Here in the Southwest the outlook for continued favorable business is good. We have enjoyed a good grain crop. Agricultural conditions are favorable, and there is considerable activity in industrial development.

We regard the situation as most favorable in this territory.

C. N. WHITEHEAD, President.

### Balanced Prosperity Awaits Only a Better Adjustment Between the Dollar of the Farmer and the Purchasing Power of Others.

The First National Bank of Jefferson City.

Jefferson City, Mo., September 1.

#### *Editor Manufacturers Record:*

This being an agricultural section, we are profoundly influenced by conditions, whether favorable or unfavorable to the farmer. For some years the conditions, as elsewhere throughout the Middle West and West, have been extremely unfavorable. This has resulted in bankruptcy for a large number of farmers, with the resultant effect that banks which served them have suffered accordingly, there having been in this state 125 bank failures since 1922, nearly all of which occurred in agricultural communities. Due to the fact that production has been cut down on account of the farmers deserting their farms, some products are receiving better prices because of the scarcity on the market. The farmers in this immediate section have been favored with better crops this year, so they are more encouraged. In sections where crops are not so good the farmers are no better off.

Highway construction has gone forward with great vigor in this section and throughout the state. This has meant a distribution of payments for material and labor that has helped.

When agriculture shall again have been restored to its former place of sharing with other industries in the reward for their investment and labor, this country will be prosperous, indeed. In fact, it is only this artificial restraint, due to the fact that the farmer's dollar has not equal purchasing power with the dollar of other industries, that we are not enjoying a well-balanced prosperity here. Industries other than farming are generally flourishing. There is encouragement, however, for the farming interests in the prospect that agriculture will soon be restored to its original place of prosperity with other industries. The only unfavorable condition is the artificial inequality whereby the farmer has to buy on a protected market and sell on an unprotected market.

A. A. SPEER, President.

### Present Prosperous Conditions in Southwest Most Satisfactory and Expected to Continue.

The Chicago, Rock Island and Pacific Railway Company.

Chicago, September 8.

#### *Editor Manufacturers Record:*

The Rock Island does not operate in the southeastern states referred to in your letter. It does have extensive mileage in Arkansas, Louisiana, Oklahoma, Texas and New Mexico, and business conditions throughout those states are most satisfactory at the present time—produced entirely by the very favorable condition of agriculture in four of the five states mentioned—coupled with the constantly increasing oil development in Oklahoma and Texas territory. The general business and industrial outlook in that section is naturally very favorably affected by the conditions above referred to.

Further, present estimates indicate that the cotton crop in those states will approximate record proportions.

I see no reason why prosperous conditions presently existing should not continue for some time to come in that territory.

J. E. GORMAN, President.

### Good Prices for Lead and Zinc Bring Prosperity to Joplin District.

The Conqueror Trust Company.

Joplin, Mo., September 2.

#### *Editor Manufacturers Record:*

Joplin is the metropolis of the Tri-State lead and zinc mining industry. Prices for lead and zinc have been satisfactory for a number of months and business has been good. Prospects are favorable for a continuance.

Agriculture does not play an important part in the business of Joplin, as our agricultural territory is to the south of us and is not highly developed, it being the foothills of the Ozarks, although much is being accomplished toward the improvement of farming conditions, particularly dairying and fruit raising. Carthage, the county seat of Jasper county, has most of the farming business, and reports from bankers there say there has been a general improvement along this line.

Municipal improvements and highway construction are by far the best ever known in this territory. Building operations in Joplin are good. The bank deposits are the highest in the history of the district.

OTTO W. CROY, Treasurer.

### Crops of the Best—General Conditions First-Class.

Joplin National Bank.

Joplin, Mo., September 9.

#### *Editor Manufacturers Record:*

Business conditions in this part of the country are in a very satisfactory state.

Our district produced last year something like \$80,000,000 in lead and zinc ores, and up to the present date it seems that this year will be as good as last.

Crop conditions are of the very best, with good prices, and our city is growing rapidly in the way of street improvements, highway construction and building operations. Taking it all together, our present condition here is first-class in every respect.

A. H. WAITE, President.



## Texas

### Old Spindle Top Brings Increasing Prosperity to Beaumont District.

The First National Bank.

Beaumont, Texas, September 2.

*Editor Manufacturers Record:*

This particular section of southeast Texas is an industrial section, and our largest business is that of oil refining. There are six refineries in the county, as follows: Two plants of the Magnolia Petroleum Company (Standard Oil of New York), two of the Texas Company, the Gulf Refining Company and the Pure Oil Company, and it is the largest oil-refining county in the United States. They are all doing a good business this year, constantly expanding and increasing their plants and facilities, and the outlook is favorable in every way. Our chief money crop, agriculturally, is rice; harvesting is now in progress, and we believe the farmers, generally speaking, will make fairly satisfactory profits this year. We have a 30-foot channel from Beaumont to the Gulf, shipping is increasing, and there is an extremely favorable outlook for a largely increased business for the port of Beaumont.

Through the recent rejuvenation of the old Spindle Top oil field here, owing to discovery of a new deep sand, the field is now producing from 85,000 to 100,000 barrels of oil daily. This activity has created a very substantial payroll of several thousand dollars a day in this community, and it has materially improved business conditions. There is considerable activity, which is being felt by the business community, merchants, etc., and the outlook for the next few months, by virtue of this new oil field, is quite promising.

Within the last year the city of Beaumont has spent a substantial amount in public improvements, and there is a paving program now under way. The remaining links in a concrete highway connecting Beaumont with Houston are being completed, and the work will be finished within the next few months. There are at least two prospects for office buildings under consideration, one of which has been announced. To sum up, at this time we consider business conditions in this immediate section favorable and promising and the outlook appears to be quite bright. There is an abundance of money in the community, ample to meet all requirements. Office buildings, store buildings, residences, etc., are well occupied, and there appears to be a rather constantly increasing demand.

P. B. DORY, President.

### Big Influx of Tourists to Lower Rio Grande Valley—General Conditions Best Ever Known—Good Truck Crops at Fine Prices.

The Al Parker Securities Company.

La Feria, Texas, September 7.

*Editor Manufacturers Record:*

The Lower Rio Grande Valley is, from a financial standpoint, in the best condition it has ever been in. Our banks have more surplus money and our farmers generally are in a more prosperous condition than any of us ever dreamed of 24 months ago. This country, as a whole, has had its "ups and downs," and previous to the past three or four years was in an experimental stage. At present we believe we know what we are doing, and improvements are being placed here which show that the experimental stage has been past. Of course, this is wholly an agricultural section. Our prosperity in its entirety depends upon the condition of the orchardist, the truck farmer and the plain dirt farmer. We have just

finished harvesting our largest cotton crop, representing about 145,000 bales, all of which was grown within the Lower Rio Grande Valley. This is in excess of last year's production approximately 33,000 bales. Even though the price has been down, still our excess production takes care of us. The cotton crop has been harvested, ginned and sold. At this time we are lending all of our efforts toward putting in fall and winter crops. Conditions are such over the North with reference to the Northern potato and cabbage crop that we believe we are going to receive exceedingly high prices for all of our truck crops the coming season. Last season the prices were very good indeed on these crops. Considering everything, our bankers, business men and farmers here are very much pleased with conditions.

This opinion has been expressed without considering the biggest asset we have, and that is the Northern tourists. The Lower Rio Grande Valley has just become known outside of this territory. At the present time we are filled full of tourists, more than we can comfortably take care of. If the number of tourists does not increase, but stays the coming winter months just as it has been doing the past summer months, we are bound to materially increase our real estate values here, because the demand is getting greater and greater all the time. Conditions are very promising for a large influx of people who should make this their winter home. We are laying our plans so that the tourists can be accommodated in this section.

J. L. PARKER, Vice-President.

### Good Crops Have Assured Farmers a Surplus, While Good Price for Cattle and Wool Helps to Put the Section in Excellent Condition.

The American National Bank.

Austin, Texas, September 2.

*Editor Manufacturers Record:*

This section of Texas had made a bountiful crop of hay, oats and corn enough to insure the farmers a surplus. The condition of the cotton crop is not as favorable as 30 days previous, owing to the insects. It is impossible to say just now what the cotton outturn will be. It certainly has been very materially reduced because of the pests. On the condition of the weather during the month of September will depend the amount of cotton to be gathered and its quality.

The general condition of this part of the state is good. The people generally are all on a sound basis, and feel more or less optimistic over conditions for this fall's business. Cattle bring a fair price. Sheep and goats are paying good dividends in the way of wool and increase on their cost.

Building operations in this city have been above normal, owing to the large character of public improvements.

We feel very hopeful of the present situation and the future outlook.

R. C. ROBERDEAU, President.

### Steady Growth With Crop Prospects Good.

Chamber of Commerce.

Wichita Falls, Texas, September 4.

*Editor Manufacturers Record:*

We are experiencing a steady growth at this time. Crop conditions are very good; our cotton yield will not be as large as expected, but we have no cause for alarm.

Industrial activities continue to increase; building permits are over \$6,000,000 for the first six months of this year.

J. W. CHATHAM, Industrial Commissioner.

### Favorable Business Anticipated—Ship Channel Big Factor in Houston's Industrial Development.

Guardian Trust Company.

Houston, Texas, September 4.

#### Editor Manufacturers Record:

General business conditions in the state as a whole indicate that business will be favorable during the balance of this year. In some sections the cotton worm has materially reduced the yield of the cotton crop, but the state has made a very heavy grain and feed crop, and the farmers will be in position to go through the winter without any expenditure whatever for feed. In most places the yield will be sufficient to enable the farmers to take care of their obligations, and in parts of the state indications are that there will be a very heavy yield.

Development in our own city will probably reach the maximum of any year in its history, due largely to the great increase in industrial development along the ship channel. Building permits within the city limits and in the adjoining territory along the channel for the first eight months of this year exceeded \$25,000,000.

Several large industrial enterprises are now under way, among them the cement plant of the Trinity Portland Cement Company on the site recently purchased; the warehouse of the Manchester Terminal and Warehouse Company, being built for the concentration of the Ok'ahoma Cotton Growers' Association cotton; the addition to the Anderson, Clayton & Co. compress and warehouse; the Carnegie Steel Company warehouse and concentration plant, located on the ship channel, where they have already announced the building of several million dollars' worth of fireproof warehouses; the addition to the Houston Textile Mills, which means a doubling of their present capacity; the Houston Terminal Warehouse and Cold Storage Plant, located within the city, at a reported cost of \$2,800,000; the Southern Pacific freight terminal, now under construction at a cost in excess of \$1,000,000, and many other smaller industrial enterprises being built around the city.

The increase in tonnage through the port and the development of the territory adjacent to the city, combined with the industrial development taking place here, has attracted people to the city for investment. Many of the larger enterprises located here believe and predict that Houston will have a remarkable growth in the next ten years.

C. M. MALONE, Vice-President.

### Corn and Wheat Crops Excellent—Outlook Good Despite Prospects of Too Much Cotton at Low Price.

United States National Bank.

Galveston, Texas, September 4.

#### Editor Manufacturers Record:

We think conditions in our section are decidedly favorable. Texas is an agricultural community. Its industrial development has hardly been scratched, and we are, therefore, almost solely dependent upon agriculture.

We have raised an excellent wheat crop; an excellent corn crop, for which good prices have been obtainable. We are raising a fair cotton crop, for which we fear remunerative prices will not prevail. This condition has been due solely, however, to the action of the Southern farmer himself in deliberately planting an acreage calculated to produce a volume of raw cotton that could not be consumed. Fortunately, the good Lord and the humble insect have prevented the production of an excessive crop, and yet, undoubtedly, it would be much more profitable to Texas and the South if the

Texas farmer raised 4,000,000 bales of cotton, the balance of the South 9,000,000 bales, and received a price that would pay a profit on the cost of labor and production, than if Texas were to raise 6,000,000 bales and the balance of the South 11,000,000 bales, and receive a price that would leave many farmers in inevitable bankruptcy.

Building operations are somewhat deterred by the extreme high cost of labor and materials, but, on the whole, conditions in Texas are entirely favorable and give every promise of continuing so.

I. H. KEMPNER, President.

### 25,000,000-Bushel Wheat Crop in Panhandle—Expect Large Yield of Fall Crops—Marked Activity in Building.

The Amarillo National Bank.

Amarillo, Texas, September 4.

#### Editor Manufacturers Record:

The Panhandle of Texas consists of about forty counties, of which Amarillo is the central and chief shipping point. It is estimated that the Panhandle has just harvested a wheat crop of approximately 25,000,000 bushels, which is possibly the largest in its history. There has been plenty of rain through the summer months and prospects are now good for a large yield of fall crops. Range conditions are good and cattle are in first-class condition.

In the territory mentioned there is the largest gas field in the world. The daily production in oil is now 115,000 barrels, and it is estimated that the peak will not be reached until 1927.

Considerable highway construction is being done, but very little hard surfacing.

Practically all the larger towns in this territory are doing a large amount of improvement, paving, etc. During July Amarillo ranked first in building permits in the state and second in the South; during June it ranked second in the state and seventh in the South.

S. D. VAUGHAN, Cashier.

### Faith in Future Unshaken by Fairly Unsatisfactory Conditions Resulting From Excessive Rains.

The Texarkana National Bank.

Texarkana, Texas, September 2.

#### Editor Manufacturers Record:

While the condition of the corn and feed crops in Bowie county, Texas, and Miller county, Arkansas, is satisfactory, from the present outlook, we are anticipating a yield of only about 40 per cent on cotton as against last year. Due to excessive rains and unfavorable weather for cotton, the river-bottom farmers report poor conditions, and while the hill farms up until 10 days ago were in good shape, quite a bit of shedding has since occurred, which has greatly affected that section.

At this time there has been completed and is under construction approximately 40 miles of concrete highways in our two counties, and the city building and paving operations are continuing on a large scale. Merchants report only a fair business; but, of course, this condition is to be expected at this season of the year.

Taken as a whole, our prospects are not so bright as compared with the previous year, but we are not alarmed at the condition, and believe that the situation can be worked out satisfactorily.

H. T. WIEGEL, Vice-President.



### Excellent Agricultural Conditions in Texas— Interest Manifested in Fruit Belt.

The First National Bank of Waco.

Waco, Texas, September 10.

*Editor Manufacturers Record:*

General conditions in Texas at this time are very favorable. The cotton crop will probably yield 5,000,000 bales this season. The wheat, oat and corn crops have been one of the largest, and from an agricultural standpoint Texas will be in an excellent condition. Owing to the drouth in central Texas during the past year, there was a slowing down of business along all lines, but this will be overcome by the present crops.

There has been considerable activity in building operations throughout the state, except in the drouth section.

Texas has made rapid strides in highway construction, which has been temporarily halted by the political situation. However, with the election of a new Governor, satisfactory to a great majority of our people, we look forward to increased activity in the Highway Department.

A number of textile mills are reported as being constructed throughout the state.

There is considerable interest manifested throughout the United States in our great fruit section in the Rio Grande Valley, where development is progressing on a good scale. On the whole, Texas is moving forward and promises greater industrial development and general activity during the next few years than any time in its history.

W. W. WOODSON, President.

### Conditions Best in 10 Years—Optimism High As Section Seems on Threshold of Larger and Better Things.

The First National Bank.

Groveton, Texas, September 3.

*Editor Manufacturers Record:*

From an agricultural standpoint business conditions are better than for the past 10 years. Good seasons, together with the application of approved methods of farming, are giving us the best feed crops this section has enjoyed for several years. Cotton, our principal money crop, offers us a normal crop, equally as good as last year. Our farmers are devoting much time now to rotation and diversification, resulting in the organization of the potato, tomato and melon clubs.

Cattle still holds a high place in the industry of our people. Enhanced prices with improved facilities for moving stock have improved the financial standing of our cattle men.

The lumber industry is still an important factor in the industrial life of this section. While smaller mills have cut out, yet there are large mills operating to full capacity, with prospect of several years ahead for a most profitable business.

Less than two years ago Trinity county voted and issued bonds for the construction of certain designated highways, \$1,000,000 of bonds having been sold at par and accrued interest and \$500,000 of bonds being held in abeyance. Contracts have been let for the construction of two through state highways leading into Groveton, and work is now in progress. These highways will be hard surfaced by the state of Texas under an order of the State Highway Commission to supplement our funds from bonds to the extent of \$800,000. Already the construction of these roads has had a salient effect upon the industrial life of this section, property having enhanced in value and new people, with new thought and life, having begun to move into our county.

Groveton is an incorporated municipality, and recently issued warrants for the construction and operation of a municipally owned water and sewer system. The warrants brought par and the work is nearing completion. Heretofore

we have purchased water for such purposes from the Trinity County Lumber Company, one of the largest lumbering mills in Texas, located in Groveton.

Taking all things into consideration, I should say that the outlook was never more promising than now. The general feeling is one of optimism, and my opinion is that this section is at the threshold of larger and better things.

L. P. ATMAR, President.

### Texas Greatly Stimulated by Good Crops and General Prosperity—Looking Forward to "Substantial Achievement in Public Matters."

The First National Bank of Houston.

Houston, Texas, September 15.

*Editor Manufacturers Record:*

The condition of prosperity found in the older Southern states exists also in this younger country west of the Mississippi. There is no difficulty in describing a situation such as we are now enjoying here, since all that may be said can be said with enthusiasm and genuine pride.

Texas has fared well agriculturally in the last two years. Following closely upon the cotton crop of 1925, which, in general, despite severe drouth, turned out satisfactorily, there came this winter and spring a wheat crop of unusually large yield. Later corn showed the same promise and now we know the farmer need have no fear of the expensive feed problem that ate up so much of his last year's cotton profits. Cotton he raises this year will liquidate his bank indebtedness and leave reasonable gain with which to enter the next crop season.

Livestock is fattening upon the best range in several years. Abundant rainfall has answered the water and grazing questions, and with normal cattle prices stockmen are making good profits on operations. Post-war deflation had overwhelmed this industry for five years.

In the industrial field Texas has no rival in the possession of raw materials close at hand. It has little water power, to be sure, but meets the fuel question with crude oil and natural gas, this latter being only in the first stage of real exploitation. A number of excellent ports along the Gulf coast assure cheap water rates for inbound material and outbound products. Proximity of Mexico and Central and South America offers a limitless market for manufactured goods. These advantages are being noted by industrialists, and new enterprises are being brought into the state. No doubt, a period of substantial industrial growth lies just ahead.

A number of progressive cities have extensive building programs, and municipal improvements are keeping well in step. Highway construction is yet in a more or less experimental stage, but in many sections a far-sighted program is under way, with bonds voted for permanent hard-surfaced roads. The legislature is now in special session for the express purpose of validating road bonds voted some time ago. Building activity and public works have kept labor well employed for two or three years. Reports of prosperity attract great numbers of unskilled workers, who compose a slight unemployed surplus in the winter. Farm work and road work, however, readily absorbs it in good weather.

The most satisfactory observation on Texas at present is, after two years of unrest and inefficiency, its political administration has been finally placed in the hands of capable and responsible representatives. We are looking forward to stability and substantial achievement in public matters, which inevitably will mean a great deal to the proper development and general prosperity of Texas in the next few years.

J. T. SCOTT, President.

## Southwest in Most Satisfactory Condition This Writer Has Known in 20 Years—And the Expansion Has Just Begun.

Central and Southwest Utilities Company.

San Antonio, Texas, September 10.

*Editor Manufacturers Record:*

As one who has been intimately familiar with business and the business outlook in Texas more than twenty years, I have never known a more satisfactory condition to exist or a more promising one to appear than that before the people of the Southwest today.

Though my headquarters are at San Antonio, I have recently come here from Marshall, in east Texas, and my duties render it necessary that I keep advised of all the activities which make for forward-looking and forward-moving communities. I am convinced that the most remarkable natural growth, south Texas in particular, and Texas as a whole, ever experienced is now fully beginning. All over this territory—and the interests with which I am connected operate utilities in nearly 100 different communities of the area—there is a rapidly increasing population, an amazing expansion of the undeveloped agricultural resources and an influx of capital in such volume as more nearly to take care of the actual needs of the changing situation than ever before.

There has been no boom and all of us have set our faces against the idea. None is needed and none is wanted, so that if there shall be no rubbing of the lamp and awakening to sudden riches, there will come the compensation of no bursting bubbles and none of the depression which inevitably follows modern antics of ancient Aladdin.

Our public-utility interests alone have brought nearly \$10,000,000 of new and outside capital into the south Texas area during the past year, and we are expending an average of \$750,000 monthly in extensions of transmission lines, purchases of additional plants and betterments in our service. There is a dollar-and-cents view of the opinion of Texas held by our organization. It needs no oratory to enrich it and no elaboration of the argument it presents.

In the Lower Rio Grande Valley alone, famed now throughout the world because of the richness of its orchards and truck fields, there is expected to be a 1926 yield of cotton running to 150,000 bales, an increase over 1925 of at least 40 per cent. This is another concrete evidence of the expansion which demands the best in everybody who tries to stay abreast of the ongoing trek. Until the past five years agriculture was sadly neglected over most of south Texas. Within that period it has easily become the center of the irrigation urge all over the Southwest, and the tonnage the new order has produced for the common carriers is challenging every railroad system entering this territory to a different sort of energy and to a display of its interest in this section.

Southern Pacific has been permitted to build from the Falfurrias end of its San Antonio and Aransas Pass subsidiary to the Rio Grande at Hidalgo and from Edinburg across to Harlingen. Missouri Pacific has sought to purchase San Antonio Southern and the application is to be heard at Dallas before an Interstate Commerce Commission examiner at Dallas September 28, with opposition by the Katy already promised. Missouri-Kansas-Texas (Katy) is surveying at this moment for an extension from its San Antonio terminals to a connection with the Texas-Mexican in Duval county, 100 miles away, where a direct route to both Mexico via Laredo and to the sea via Corpus Christi can be obtained. Traffic men assert, and prove by their movements, there is to be more railroad building in this immediate area during the next five years than in any other portion of America.

The new port of Corpus Christi has been formally opened

with dedication ceremonies as imposing as they are important. As Central Power and Light Company has put a million or two into that port city and its environs, it goes without saying we are interested and keeping interested. Not a little of the railroad activity in south Texas and southwest Texas is due to the regrouping of carrier activities as rendered necessary by the functions of the new port. I should add that so eager was Southern Pacific to build its 100-mile addition to its system that dirt was flying within one week after formal order was given by the Interstate Commerce Commission for the work to proceed.

As all the reading world knows, Texas has had its highway troubles during the past few years. Instant and, it is believed, permanent stabilization of that great agency of government and society followed the results of the July and August elections. Texas has more miles of splendid roads than any other state, and with a few badly needed filling of gaps there will be a connected system, adding glory to the state's name and greater efficiency to its citizenship. It is a proud boast of every resident that Bexar county (San Antonio) has more miles of hard-surfaced roads than any other county in the United States, your own county of Baltimore, alone, excepted.

What has been said of the prosperity of south Texas applies with equal force to all sections of Texas. We operate in another 100 towns in east Texas, west Texas and the Texas Panhandle. All sections show one remarkable condition, namely, pride in the present and deep-rooted confidence in the future. The gross earnings of our properties in Texas have increased 32 per cent for the past 12 months over the previous 12 months, in spite of the fact that we made general reduction in rates. It is just another concrete and tangible proof of the reasons for my optimism concerning both the present and future of Texas. We may be a little too filled with state pride, but no Texan would swap off any part of his state for a similar part of any other state. And we have more area than any other—and are going to keep it all—undivided and indivisible.

JAMES C. KENNEDY, Vice-President.

## Cotton Far Above Last Year Despite Deterioration—Fine Small-Grain and Corn Crop.

Temple Trust Company.

Temple, Texas, September 8.

*Editor Manufacturers Record:*

Early prospects will not be fully realized, because of deterioration of cotton as a result of the ravages of insect pests and of root rot. However, we shall have a cotton crop so far in excess of last year that we shall be in excellent condition.

In our immediate territory the small-grain crop was finer than for many years. We have an excellent corn crop, and with probably two-thirds of an average cotton crop, we are optimistic over the future.

General business conditions are sound, and our merchants are looking forward to excellent fall trade.

W. S. ROWLAND, Secretary-Treasurer.

## Satisfactory Business Conditions in Spite of Poor Cotton Crop.

The State National Bank of Denison.

Denison, Texas, September 2.

*Editor Manufacturers Record:*

The cotton crop is not good in this section, but business conditions as a whole are very satisfactory. Considerable new building is going on here in this town.

W. L. PETERSON, President.



## Texas Counting on Another Billion-Dollar Cotton Crop—All Grain Crops Largest Since 1919.

San Jacinto Trust Company.

Houston, Texas, September 8.

### Editor Manufacturers Record:

The following statistics regarding our city are shown in comparison to previous years:

Population of Houston for year 1920, 179,320; for year 1926, city directory claims, 263,000. Building permits, metropolitan area: Year 1925, \$39,876,135; through July, 1926, \$25,590,455. Real Estate Transfers, Harris County: Year 1925, \$42,580,144; through July, 1926, \$44,878,007. Bank Clearings: Year 1925, \$1,730,223,471; through July, 1926, \$984,104,251. Postal Receipts: Year 1925, \$1,686,028; through July, 1926, \$1,046,413.

Industries on Houston's Ship Channel, beginning at the Turning Basin, now number 51. On the upper channel we have a total of 21 enterprises. There are also six oil-tank farms, which may be considered as industries. At the present time there is in the course of construction on the channel the following:

Completion of the Southern Pacific docks at a cost of \$1,000,000, these docks having been constructed for the use of the Southern Pacific Steamship Company, and it is believed that following the use of these docks the Mallory Line will also operate in Houston.

Extension of the Southern Pacific terminals at a cost of \$1,000,000.

Southern Pacific freight depot at a cost of \$600,000.

Construction of the Manchester cotton terminals for the accommodation of the Oklahoma Cotton Growers Association at a cost of \$3,700,000.

Plant of the Carnegie Steel Company at a cost of \$2,500,000.

Extension of the docks of the Anderson-Clayton Company cotton terminals at a cost of \$400,000.

The Baker Warehouse and Terminal Storage Company on the upper channel, \$2,500,000.

The Trinity Portland Cement Company, at a cost of \$2,000,000.

The Schuhmacher Grocery Company warehouse on the upper channel, at a cost of \$750,000.

An additional unit to the Houston Lighting and Power Company plant, at a cost of \$2,000,000.

The agricultural situation, according to the latest reports available, shows that Texas should produce this year 4,736,902 bales of cotton, which at an average price of 18 cents per pound should net \$426,321,180, exclusive of cottonseed products.

It is estimated that the production of corn will exceed 80,000,000 bushels, wheat 32,000,000 bushels and oats 83,000,000 bushels, which will make the production of all grain crops larger this year than it has been since 1919. The sugar sorghum crop is 75 per cent normal; ribbon cane, 71 per cent; hay, 93 per cent; grain sorghum, 91 per cent. Unless very unfortunate situations develop, it is believed that Texas this year will produce another billion-dollar crop.

T. W. ARCHER, Assistant Vice-President.

## Business Outlook Only Fair—Looks to Better Conditions for Next Year.

The Alamo National Bank.

San Antonio, Texas, September 8.

### Editor Manufacturers Record:

Crop conditions, particularly cotton, have decreased 50 per cent below expectations a few months ago. Owing to the fact that we had almost a total failure last year, I do not feel very optimistic even with the fair crop condition of this year, because the country will have to catch up on its shortness of last year.

However, there is some activity in the purchase of farm land in our territory, and I believe that it will make for

better conditions next year rather than this year. The general business outlook is only fair, and I do not look for any great activity except such as may come with the marketing of farm crops during the next few months.

ERNEST STEVES, President.

## Southwest Texas Very Prosperous, But Cotton Farmers Discouraged at Poor Net Returns.

The City National Bank.

Corpus Christi, Texas, September 6.

### Editor Manufacturers Record:

Cotton is our principal crop, and about two-thirds of the present crop has been harvested. The yield is less than was anticipated, owing to continued rains, insect ravages and rather poor weather for harvesting. We will, perhaps, make 100,000 bales in this county, which is more than double the yield of last year. While the crop is a fair one, it is not uniform over the section, some fields giving large returns, while others are poor. Owing to the early rains, the cost of poison and excessive charge for harvesting, the farmers are securing rather poor returns. Many farmers who have made good crops are very much discouraged at the outcome. The cattle ranges have been good and prices better.

Due to the opening of the new port at a cost of about \$5,000,000, there has been an extensive building program. Some splendid buildings are in course of construction now. One 12-story structure is now up to the tenth story. Building permits are more than double those of the previous year.

All of southwest Texas is in a very prosperous condition. New lands are going into cultivation and a great many improvements of every kind are being made. The outlook for this part of the country is very hopeful.

W. R. NORTON, Vice-President.

## Conditions Excellent in Beaumont District, Even Leaving Spindle Top Out of the Picture.

American National Bank.

Beaumont, Texas, September 10.

### Editor Manufacturers Record:

I am not just sure that the present status in this locality is perfectly fair to be given to the country at large, from the fact that old Spindle Top has come back and is now producing around 100,000 barrels of oil per day, which means a great deal to any community. To be fair with this section, I believe we have been in better condition right along than most any other part of Texas.

We produce but very little cotton in this immediate section—two or three thousand bales in the county, this being a comparatively new thing. The balance of our crop is largely rice, which is not dependent upon weather conditions, whereas in the larger part of Texas they have had first one drawback and another in some portion of the state for the past five years. The rice crop, while only about one-third the normal crop, is very fine indeed, and both yield and price so far exceedingly good.

The lumber industry cut's quite a figure, and this business is very much better than it was a few months ago and all of the dealers in this class seem to be very optimistic, so all together this immediate section is very fortunate at present in its condition. With five banks in this city, I do not believe there is one of these banks borrowing a dollar at this time. There has been very little borrowing by any of the banks in this city for the past 10 years. This bank, of course, has never been a borrower. We have never borrowed a dollar since the organization of the Federal Reserve system and only twice in a quarter of a century.

B. R. NORWELL, President.

## An Analysis of Conditions Showing a Highly Encouraging Situation in Texas.

Second National Bank.

Houston, Texas, September 3.

### *Editor Manufacturers Record:*

Conditions in Texas at the present time are normal or better. There are so many elements that enter into the question of conditions in our state, on account of the diversified commerce, that it will be necessary to specify many of the various productions in order to arrive at a clear idea of the situation.

**Agriculture:** Our state will produce above the normal amount of cotton at a fair price. The grain and feed crop is above normal, meaning that the farmers will start into the next season without having to purchase feed. The rice crop is being harvested at a good price, about \$5 per barrel. As agriculture is the basic element that enters into the financial condition of the state, I believe that present information and indications point to much improved conditions over 1925.

**Oil:** Oil production in Texas is crowding California's yield and will probably show an increase over California in the near future. Prices are being fairly well maintained and the yield indicates that the pipe lines and refineries will be run to full capacity, with a large increase in earnings to railways by virtue of the large increase in tank-car shipments. Owing to the desirable facilities at Houston and other Texas ports, not only is the oil exported, but reshipped to Eastern refineries by barge. The products of the refineries are shipped to all parts of the world.

**Lumber:** The lumber industry seems to be holding its own, with good demand. Building and constructions have increased greatly over 1925, thereby not only making an increased demand for lumber, but for cement, sand, gravel and other materials produced within our state.

**Highway Construction:** Millions of dollars have been voted for bond issues for the construction of highways of the first class throughout the state, and this program will be carried out on a large scale.

**Transportation:** Transportation facilities are being largely augmented by the railways, as is evidenced by additional rail miles constructed and the improved and added facilities for taking care of tonnage. Railways and steamship companies seem to be working to capacity and are making necessary preparation for increased tonnage.

**Cattle and Sheep:** Notwithstanding that the number of cattle on the ranges in Texas have decreased, the market continues sluggish and has not met the expectation of the cattle raisers. It is the one industry that seems not to have entirely recovered, despite the fact that condition of the cattle and ranges could not be better. Sheep and wool are maintaining good condition and fair prices, and indications are that these conditions will be maintained.

**Iron and Steel:** The Carnegie Steel Company has located a large plant on the Houston Ship Channel, and, we anticipate, with the opening of the Intracoastal Canal, appropriations for which have been provided by Congress, that headquarters for iron and steel for the Southwest will be located at Houston. Prices on these commodities are being maintained and manufacturing plants using the commodities seem to have good demand at fair prices for their production.

**Financial:** Money is easy, Texas banks being able to meet all requirements, maintaining splendid reserve with increasing deposits.

There are many other things that enter into the present prosperity, such as natural gas, sulphur and salt. The largest production of sulphur in the world is found in Texas.

S. F. CARTER, President.

## Corpus Christi Section Prosperous—Rapid Agricultural and Other Developments.

The State National Bank.

Corpus Christi, Texas, September 2.

### *Editor Manufacturers Record:*

Conditions are very good, generally, over the state. Especially in this immediate section, we are having a wonderful cotton crop and it is estimated that 100,000 bales will be raised in Nueces county. While 50 per cent of our land is yet to be put in cultivation, south Texas, from Corpus Christi to Brownsville, is growing very rapidly and development is under way in all parts of this territory.

The Valley section of south Texas, located between Brownsville and Edinburg, produces fine citrus fruit; also cotton and various other crops, and the land is being placed rapidly in cultivation.

The Corpus Christi section is enjoying much prosperity, and especially our city, as we have recently completed our \$6,000,000 deep-water port, and this gives Texas another outlet for its products. Business conditions are on a very substantial basis in the state.

GEO. J. MERRIMAN, Cashier.

## Farmers Buying Much Equipment—Cotton Poor—Other Crops Good.

The First National Bank.

Paris, Texas, September 7.

### *Editor Manufacturers Record:*

Our particular section is strictly agricultural and our money crop is cotton. We have been favored with reasonably good crops the past two or three years and have obtained reasonably good prices, and our general condition is good.

We have had quite a good deal of building activity, and the farmers have bought unusually large amounts of farm machinery, tractors and automobiles; trade in these particular lines has been good.

We have harvested exceptional crops of grain, fruits and truck, but our cotton crop is not very promising at this time and the indicated yield is only about one-half of last year's production. This will naturally have an unfavorable effect on business conditions locally and will possibly be reflected in lower farm values.

JAMES A. SMITH, Cashier.

## Texas in Splendid Condition Following One of Best Feed Crops in Its History.

The American Exchange National Bank.

Dallas, Texas, September 2.

### *Editor Manufacturers Record:*

It is my opinion that Texas is in splendid condition, and while the cotton crop is short and spotted, the feed crop of Texas is one of the best in its history and the price of cotton should make up to some extent the shortage of the crop.

I believe that fall business will be normal, and we should be satisfied if that is true.

NATHAN ADAMS, President.

## Finds Little to Brag About.

First National Bank of Greenville.

Greenville, Texas, September 4.

### *Editor Manufacturers Record:*

The prospect is not especially rosy at this time, by reason of the fact that our cotton prospect is about 60 per cent of last year's yield. We had a good grain crop, especially the corn crop, but this is about all we can brag upon.

S. B. BROOKS, Cashier.



**Conditions Satisfactory in All Respects.**

First National Bank.

Wichita Falls, Texas, September 2.

*Editor Manufacturers Record:*

The conditions of this immediate portion of the state are in all respects in a satisfactory condition. While about 65 per cent of the revenue coming into the city of Wichita Falls is from the production of oil in this immediate territory, we also have a large acreage planted in cotton, some of which is irrigated. Both irrigated cotton and that planted on dry land is in good condition, and while we have had some boll worms, there is less complaint now than when the cotton was in its earlier stage.

We see no reason why the conditions generally in this community should not be fully up to what they were in 1925.

W. M. MCGREGOR, President.

**Very Favorable Conditions Shown in Great Highway and General Building Activity.**

Federal Trust Company.

Houston, Texas, September 4.

*Editor Manufacturers Record:*

In our opinion general business conditions here are very favorable.

With reference to highway construction in this immediate vicinity, this county recently voted a \$6,000,000 bond issue for the purpose of constructing permanent highways throughout the county, and state and Federal highway aid has been pledged, although actual construction on a large scale has not as yet been started.

Municipal improvements, such as street improvements, are progressing along extensive lines, and contract will soon be let for the construction of a new county jail and criminal courts building, which will cost approximately \$600,000.

Building operations generally throughout Houston are pro-

gressing along a very broad scale, and are exceeding building operations of last year.

FLOYD IKARD, Vice-President and Cashier.

**Fair Crops, With Good Business Outlook.**

The Commercial National Bank.

Beeville, Texas, September 15.

*Editor Manufacturers Record:*

Conditions are very good in this section of Texas, crops have been fair and the business outlook is good. Fourteen miles of hard-surfaced highway in Bee county is being put down; 9 blocks of paving in Beeville let and more in prospect; some building is in progress; there is a strong demand for residences and business houses, with none available at present. Farmers have sufficient feed for the coming year and will enter the season with small debts on the average. Livestock industry is in a more prosperous position than for several years.

I. J. MILLER, Vice-President.

**Conditions Spotty, But on the Whole Fair.**

J. L. Arlitt,

Government and Municipal Securities.

Austin, Texas, September 3.

*Editor Manufacturers Record:*

It is my impression, based upon our contact with various sections of the state, that business conditions are fair. There are, of course, exceptions, as in some sections conditions are unusually good, and in others, while not downright bad, they are by no means good.

Certain sections of the state are experiencing considerable activity in real estate and in lands, much of it being due to irrigation projects. The Texas irrigation laws are patterned after those of California and other Western states.

J. L. ARLITT.

## Oklahoma

**Above Normal Conditions in Agriculture—General Situation Throughout Oklahoma Very Satisfactory.**

The Commercial National Bank.

Muskogee, Okla., September 3.

*Editor Manufacturers Record:*

Although Muskogee is on the fringe of the oil belt, yet we get considerable benefit from this industry. There has been tremendous development for several months past and the business seemingly is in very good condition. There is danger at this time, however, of overproduction, which may cause a reduction in the price of oil. This probably will last only a few months, however, at the most, since the larger companies have been drawing on their reserves throughout the summer.

Agricultural conditions are much better than normal. The western part of the state made a good wheat crop. The oat crop over the whole state was particularly good; likewise the corn crop. There will probably be a considerable surplus of all feedstuffs, including hay, for shipment to other sections.

The cotton crop looks very good at this time, although it will be 30 days yet before it can be definitely determined as to the yield.

The only source of danger here, as in practically every other section of the country, seems to be the tremendous

amount of buying on the installment plan, particularly automobiles. It undoubtedly makes a great difference in the deposits of the banks, as well as in investments of more substantial nature, and the effect could be very disturbing should we go through a year or two of bad crops and considerable unemployment. This latter condition has existed here in years past and unquestionably will come again some time during the next few years.

Summing up the situation as a whole throughout Oklahoma, we believe conditions for the next six or twelve months should be very satisfactory in every way.

L. W. DUNCAN, President.

**Far Above Average Conditions.**

Security National Bank.

Oklahoma City, Okla., September 2.

*Editor Manufacturers Record:*

All crops in Oklahoma are above par, with the exception of cotton, which is an average crop today. However, if we continue to have cool weather for another two weeks, our crop will not be more than 60 to 75 per cent of the average. On the other hand, if we have good cotton weather, we will have an average yield.

Taking it all in all, conditions are at present far above the average in Oklahoma.

WILLIAM MEE, President.

### Foresees Best Year Since the War—Abundant Crops—Oil Business Healthy.

The Sapulpa State Bank.

Sapulpa, Okla., September 8.

#### Editor Manufacturers Record:

Business conditions in this state as a whole are better than for five years. Our farmers have an abundance of crops. The prices are better than the average for grain, with every prospect that cotton, while yielding much less, will be worth as much as the average for the last four or five years.

We are making splendid progress in every line of agriculture and industry. The oil business, which affects a large portion of the state, is in a healthier condition than it has been for a long time. If present prices continue, the oil territory will be on a very firm and prosperous basis. We have had more highway construction in the last two years than we have had in a like period since statehood. General business outlook is good. We have a lull in some lines, in building operations, and municipal improvements have not shown as much activity in the last 12 months as they have previously for some time.

We have no reason to think otherwise than that this year will bring better results to aid general prosperity with us than any year we have had since the war.

HUGH A. McCauley, President.

### Much Construction on Cross-State Highways—Fine Crop Outlook—Slight Demand for Money.

The Central National Bank.

Okmulgee, Okla., September 7.

#### Editor Manufacturers Record:

Conditions immediately in our vicinity are good. We have an unusually good corn crop and splendid prospects for cotton, which is our main agricultural crop, and it promises to be a good yield, provided we do not have too much rain from now on. Okmulgee is situated in the center of the oil development of Oklahoma. Oil conditions are good.

Also, there is considerable highway construction, practically all cement, in our state. Our county, before the first of January, 1927, will have concrete roads completely across the county, both east and west and north and south, centering in the county-seat of Okmulgee, and this work is being done all over the state, under the supervision of our state highway commission. Oklahoma will soon be among the leading states of our Union in completed roads.

Speaking again from a purely local standpoint, our city is now spending \$1,000,000 in water-works construction, building new reservoirs. We also have under construction a good many homes and good-sized fireproof office buildings. The demand for money is low. We are unable to place what money we would like to locally, therefore we have to seek other outlets, such as call money and bonds.

H. E. Kennedy, President.

### Optimism Reigns in Oklahoma, Based on Wonderful Crops, Good Business Now and Fine Prospects.

American National Bank.

Oklahoma City, Okla., September 2.

#### Editor Manufacturers Record:

Business is good now throughout the state and prospects were seldom, if ever, better. We have already matured wonderful crops of wheat, oats, corn, broom corn, alfalfa, and the farmers have enough hay and other roughness in

slight to last them three years if they could take care of it. The acreage of cotton is large, and while in some sections the damage from too much rain and boll weevil will be considerable, the crop as a whole bears promise of a large yield.

Oil, natural gas, lead, zinc, coal and cement are being produced in large quantities and finding good markets.

Not much is being done in the way of municipal improvements, but the state has embarked on a program of highway construction that is very gratifying. Building permits in Oklahoma City in August were about \$2,600,000, and the outlook is for the construction in the immediate future of a large number of new business houses.

For the above reasons our merchants are doing well and our people generally are extremely optimistic.

FRANK P. JOHNSON, President.

### Oklahoma's Largest Wheat Crop—Cotton Also Good—Oil Business Prosperous.

The First National Bank.

Guthrie, Okla., September 10.

#### Editor Manufacturers Record:

Business conditions in this state are generally very good. I doubt if retail business is as good as we would like to have it, but with the marketing of a large crop of cotton just beginning, retail trade should be greatly improved within the next 30 to 60 days.

This is the third year the state of Oklahoma has made an excellent cotton crop, the crop of 1924 bringing an especially good price, and for the past and present years prices are profitable to the growers. We harvested the largest wheat crop in 1926 the state has ever made. Oil business is in a prosperous condition. Banks have about recovered from the period of depression from 1921 to 1924. They are all easy, and with the exception of a few isolated cases are operating on a profitable basis.

NED HOLMAN, President.

### Good Crops Add to Prosperity of a Community Largely Dependent on Oil.

First National Bank.

Bartlesville, Okla., September 3.

#### Editor Manufacturers Record:

Agricultural interests have been especially favorable this year and farmers have had one of the best small grain crops, as well as corn crops, that we have had for a number of years.

We have no industrial life of consequence in our community, our principal revenue from payrolls being derived from the large force of employes of the Phillips Petroleum Company and the Empire Gas and Fuel Company, who maintain their general offices here. This employment, of course, is steady and does not fluctuate much, regardless of the condition of the oil business.

There has been considerable highway construction in this section of the state. About a year ago we completed the concrete road, running north and south through the entire county, and we are now grading the proposed concrete road east and west, with this city as the hub.

Building operations have been on a steady increase for several years, in both residence and business property. About a year ago a neighbor bank completed a \$300,000 six-story office building. The Phillips Petroleum Company is erecting a seven-story office building, costing approximately \$500,000. There have been built from time to time smaller brick structures to extend our business district.

The town, in the last five years, has grown possibly 5000



in population. We now have, conservatively, a population of 20,000.

Due to the activity in the drilling and development of oil, farming is a little backward, while we are making considerable advance in the dairy and poultry industry at present. Cattle raising has always been of considerable value to this community and is carried on in the same proportions as heretofore.

FRANK PHILLIPS, President.

### Good Crops and Active Highway Work.

First National Bank.

Vinita, Okla., September 3.

*Editor Manufacturers Record:*

Conditions are good in general in this part of the country. Lots of highway work. Crops good. No demand for money.

LOUIS BAGBY, President.

### Excellent Business Conditions Marred by Reckless Spending by Farmers.

The City National Bank.

Lawton, Okla., September 4.

*Editor Manufacturers Record:*

Business conditions in this locality are good. This is an agricultural and stock-raising community. Live stock has improved in condition and grade in the last few years. An excellent wheat crop was raised and the prospects are for a good cotton crop.

The general business outlook is marred by the fact that most of the money made is spent for automobiles and trucks, many farmers buying them on credit who do not need them at all in any way. The money that should be used to develop

the country and keep improvements in good shape and aid in extending farming operations goes out of the community, with no returns whatever, and is a menace to this locality at this time.

There is no reason why a farmer who attends to his business strictly and does away with unnecessary expenditures should not be the most prosperous man in the country, judging from observations in this and adjoining counties in Oklahoma. The land is fine, the seasons are good. All it needs is industry and application and more work, with less waste of time on unprofitable things.

F. M. ENGLISH, President.

### Oil Business Prosperous—Another Complaint That Too Much Money Is Put Into Motorcars.

The American National Bank of Ardmore.

Ardmore, Okla., September 7.

*Editor Manufacturers Record:*

The oil business is very active and prosperous. This county produced a splendid grain and corn crop and also all kind of forage. The cotton crop is rather poor; too much wet weather—that is, in this immediate vicinity. The merchants are complaining some about business being rather draggy.

Our real estate is not moving; in fact, the money that should go into farm land and improvements is being invested to a great extent in cars. This holds good in the town as well as the country.

With a dry fall we should produce a fair cotton crop, and that will bring quite a lot of prosperity to the farmers. And the oil interests are prosperous, so conditions should be fairly good in this section.

M. GORMAN, President.

## Review of Business Conditions in Kentucky, Tennessee, Alabama and Mississippi.

By W. R. COLE, President of the Louisville and Nashville Railroad.

*Prepared by the Traffic Department of the Louisville and Nashville Railroad Company at the request of President Cole for the MANUFACTURERS RECORD.*

Immediate prospects for a continuation of existing favorable commercial activity in the territory served by the Louisville and Nashville Railroad Company seem most encouraging. From practically all lines the volume of business is holding up well, and unless some unusual and unforeseen causes interrupt the flow of industrial trade, 1926 will likely produce many new records of accomplishment. A recent survey of the cities of the states of Kentucky, Tennessee, Alabama and Mississippi serves to largely confirm this view.

### Kentucky.

The agricultural situation is on the whole somewhat above normal. The tobacco acreage appears to be slightly less than last year, but the yield will likely be heavier. The present conditions are favorable for an unusually large crop of corn. The crops have been to some extent affected by unusual rains, but conditions are now decidedly more favorable.

The industrial and general business conditions as seen by the largest manufacturers and wholesale firms in the Louisville territory are quite favorable, and opinion is practically unanimous that business will be even better for the next four months. There has been a satisfactory movement of coal from the eastern Kentucky territory, and it has been heavier than during the same period of last year. The operators state that the British coal strike has had an indirect influence on the field, as well as the fact that the mines in the

union fields have not been producing as much coal as formerly. As a result prices have stiffened somewhat, but this has not affected the output. Throughout many sections manufacturers of building material report a brisk business, and a number of industries are increasing their facilities to take care of additional business in prospect.

Municipal improvements in the state embrace the building of a Soldiers' and Sailors' Memorial Auditorium at Louisville costing over \$1,000,000; the site is bought, but actual construction has not as yet started. Construction work is now in progress on the Brown office building, which will eventually have 20 floors, but only four are being constructed immediately. Other buildings contemplated in the near future are the Heyburn Building, costing \$2,000,000; Doll Apartment building, costing \$500,000; Standard Sanitary Manufacturing Company warehouse, costing \$200,000; Princess Theater, costing \$200,000, and Jewish Synagogue, costing \$200,000. The construction of residence property shows some decline as compared with last year. In other parts of the state, notably Bowling Green and Franklin, building operations run from normal to an improvement over last year.

### Tennessee.

In the Nashville territory reports indicate the largest yield of wheat in 15 years. Other sections show a slight damage to the important crops on account of the excessive heat and

drouth, but on the whole the central part of the state will produce the best crops in several years.

The Memphis territory reports the best hay and corn crops in 10 years. Cotton crop is about normal, although heavy rains have caused some damage.

In the Knoxville territory 1926 promises to be the banner year from an agricultural viewpoint. Wheat, small grains, corn and hay are exceptionally good, and market prices seem to insure the farmers a nice profit for the year.

The industrial and general business situation is reported good. Industries are on a sound basis, and with the exception of the hosiery mills are operating on full time and are finding a ready market for their products at satisfactory prices. Collections generally are good and the outlook promising.

The hardwood lumber situation in the Memphis territory indicates a heavier fall movement than usual. Memphis bank clearings for the first seven months of 1926 increased over \$55,000,000 over 1925.

Manufacturing industries in the Knoxville territory report excellent business and practically all are optimistic. Coal mining, one of the most important industries in this section, showed a substantial increase during the first six months of 1926.

The Tennessee State Highway Department has under construction 806 miles of highway, estimated to cost roundly \$18,000,000. Expect to let contracts for additional 116 miles during the remainder of the year costing \$2,000,000. In addition, county highway construction throughout the state is quite active.

The authorities of Memphis expect to consummate the following municipal improvements within the next 12 months: Street improvements, \$1,200,000; subway, \$225,000; crematory, \$75,000; sewerage and drainage, \$75,000.

The city of Knoxville has under construction a \$2,000,000 water program and a \$250,000 viaduct. Other more important interior towns have more or less of municipal improvements under construction.

The Great Smoky Mountain National Park appears to be a certainty, with the prospect of substantially increased development in eastern Tennessee.

Building operations seem quite active in the more important cities of the state, with Memphis perhaps leading, with a value of building permits issued during the first seven months of this year amounting to \$11,150,510. Knoxville has under construction a \$1,500,000 hotel and contemplates the construction in the near future of a \$500,000 theater.

### Alabama.

Agriculturally, the best corn crop in several years is assured for certain parts of the state. Hay and oats show good crops, with the prospect that the hay crop will be 20 per cent larger than last year.

The Alabama cotton crop will approximate 1,073,000 bales, according to the estimate of the agricultural statistician, co-operating with the Alabama Extension Service and the State Department of Agriculture. This is 284,000 bales less than the state produced last year. The condition of the crop on August 16 was estimated at 65 per cent normal, as compared with 70 per cent last year. The cotton crop has been affected in certain territories by continuous rains and the rapid spread of the boll weevil.

The industrial and general business conditions throughout the state, and particularly at Birmingham, are about normal. The steel market is strong, production good and shipments steady. The forecasters are looking forward to continued good business for the balance of the year. There are 222 coal mines in the state, with an average production of around 20,000,000 tons yearly. Estimates now indicate that the 1925 production of 20,408,856 tons will be exceeded. At Birmingham

22 out of 33 pig-iron furnaces are in blast and the production and shipments are good, but the furnace people are not satisfied with the prices.

At Mobile there was an increase in bank deposits of \$4,000,000 during the first six months as compared with last year. General conditions at that point are good, and the opinion is expressed that there will be shown a substantial increase over 1925.

There is a great deal of highway construction work going on throughout the state, which it is believed will continue during the administration of the incoming Governor, who is committed to the good-roads movement.

The city of Birmingham has under way municipal improvements costing practically \$2,000,000 and additional work has been authorized amounting to \$1,163,000.

At Mobile first and foremost is the port development, for which the state is expending \$10,000,000, improving and enlarging the facilities of this seaport. Contracts have been let for approximately \$3,000,000 of construction work, which is rapidly going forward. Of second importance is the construction of the Bay bridge, costing \$2,500,000. The county and city will construct a roadway to the bridge costing nearly \$100,000, and will also erect a viaduct under the tracks of the Southern and Mobile and Ohio costing approximately \$200,000. Bonds have been issued in the sum of \$250,000 for the construction of a public library. There is under construction at Mobile a theater costing \$750,000. The city is now paving streets at a cost of \$400,000 and is preparing another paving program which will cost \$1,000,000. It is reported that building and engineering contracts were awarded in Alabama during July to the amount of \$6,491,000, of which \$2,161,500 applies to Birmingham. The Birmingham figures were the highest on record of any July period and were 29 per cent over July of last year.

Building activities throughout other sections of the state, and particularly at Mobile, are likewise heavy.

### Mississippi.

The agricultural conditions in the southern part of the state are fair. The cotton crop is reported 63.5 per cent normal, as compared with 77 per cent in 1925. However, last year's crop was abnormally large. The early corn crop was poor, but later plantings will produce a good yield. The prospects of other crops are reasonably good.

There are no large industrial enterprises or municipal improvements under construction, but the business outlook for such work on the Gulf coast is extremely encouraging.

No hard-surfaced highways are in progress except along the Mississippi Gulf coast. Contract was recently awarded for the construction of 4½ miles to Ocean Springs at a cost of \$132,000. The 14 miles of seawall between Gulfport and Biloxi have been completed, and, in addition, bonds have been authorized for the construction of a seawall from Bay St. Louis to Waveland, about four miles.

At many points along the Louisville and Nashville's New Orleans and Mobile division in Mississippi the building operations are extremely heavy. The more important of these is the Edgewater Gulf Hotel, near Mississippi City; the Pine Hills Hotel, near Pass Christian; the Markham Hotel at Gulfport, and a number of smaller buildings at other points in this territory.

### Installing Electric Lighting System.

The Empire District Electric Company of Joplin, Mo., S. S. Evans, assistant superintendent of distribution, advises the MANUFACTURERS RECORD that the electric lighting system at Purcell, Mo., will consist of a transmission line, 6600-volt, 3-phase, 25-cycle, 6 miles in length, and a distribution system to supply the cities of Purcell and Alba. The work will be done by the company's force.



# Atlantic Deeper Waterways Association Holds Important Meeting in Richmond.

ADVOCATES 25-FOOT INLAND WATERWAY FROM PORTLAND, MAINE, TO KEY WEST, FLA.

[Special Correspondence Manufacturers Record.]

Richmond, Va., September 18.

The progress made during the past year in the inland waterways projects advocated by the Atlantic Deeper Waterways Association, and the Association's hopes and plans for future developments, were reviewed and the great constructive value of such developments thoroughly discussed by many prominent engineers and public men at the nineteenth annual convention of the Association held at the Hotel Jefferson, Richmond, September 14-17.

The great aim of the Association is a continuous inland waterway from Portland, Maine, to Key West, Florida, with a controlling depth of 25 feet, together with the fullest possible development of all tributary waterways.

J. Hampton Moore of Philadelphia, president of the Association, in his annual address referred to the unsettled conditions in land transportation due to encroachments of trucks upon the business of the railroads.

"Existing agencies have experienced some uncertainty as to the future," he said, "but the waterways have held their own. They are natural highways subject to artificial improvement; always have been and ever will be. Men may devise new methods of transportation on land or water or in the air, and such mediums may be dominant for a period of time, but waterways, in their natural state or improved and developed for public service, go on forever."

Referring to President Coolidge's hearty sympathy with the work of the Association, Mr. Moore read a letter of greeting from Mr. Coolidge to the convention.

"I am deeply conscious of the importance of further developing our waterways and of the excellent work along these lines being done by your organization," says the President in his greeting. \* \* \* "In a message to your convention at Miami last November I took occasion to express my views in some detail. It will be unnecessary to repeat what I said then. It is gratifying to know that interest in improving our water highways and co-ordinating them with other transportation agencies is increasing from year to year."

The speaker then quoted Mr. Coolidge's letter of last year, to which he referred above and which he reiterated and confirmed:

"The economic value of these streams has long been recognized, but their development has proceeded slowly. To render the highest service, as carriers and distributors, they should be joined together and standardized as to dimensions for traffic, so that the shipper would have confidence in them. When they are finally brought together in a workable system, the benefits in rates and values will be incalculable."

Mr. Moore then referred briefly to the more important inland waterway projects of the nation, specifically those of the Atlantic Coast. The principal units to be completed in the development of a unified inside waterway from Massachusetts to Key West are:

1. The taking over by the Government of the Cape Cod Ship Canal.
2. The construction of a canal across New Jersey from the Delaware River to Raritan Bay.
3. The widening and deepening of the Chesapeake and Delaware Canal (now nearly complete), the Norfolk to Beaufort (North Carolina) inland waterway, the Beaufort to Cape Fear and Cape Fear to Winyah Bay Canal, and so on down the string of South Carolina and Georgia marshes and barrier

islands to the sounds (or rivers) of the Florida East Coast and the key channels from Miami to Key West.

The principal natural waterways of the project are Long Island Sound, Delaware River, the Chesapeake Bay and Florida rivers.

The great advantages of water transportation over rail for bulky, heavy commodities was discussed by Maj. Gen. Edgar Jadwin, chief of engineers of the United States Army and in charge of all inland waterway development. He said:

"Water transportation, particularly of bulky commodities, such as coal, grain, oil, ore, sand and gravel, is much more economical than rail transportation. Diversion from rail to water of commodities of this class not only relieves the railroads so that they are enabled to handle more expeditiously those articles of commerce for which they are better fitted, but also is an economic saving to the country. Within the last 25 years the traffic moving by rail has increased more than three and one-half times. It is questioned by many people whether it would be economically feasible for the railroads to expand to the further extent necessary to provide for the increased tonnage of freight which must be moved during a further period of 25 years.

"Great economic savings have resulted from the waterways already improved by the United States. The movement of iron ore, coal and grain on the Great Lakes results in annual savings in transportation costs, which are much greater than the entire first cost of all of the improvements that have been made on these waters. \* \* \* The greater part of the iron ore melted in furnaces in the United States is transported by lake carriers. Moved by other means this vast tonnage would cost nearly six times as much. \* \* \*

"Final figures show that there moved over the waterways of the United States in 1925 some 480,000,000 tons of commerce, valued at about \$24,000,000,000, an increase of about 28,000,000 tons over the previous year."

Brig. Gen. T. Q. Ashburn, Washington, D. C., president of the Inland Waterways Corporation, described the Government's experiment, under army management, of a barge line for demonstration purposes, operating lines on the Mississippi and the Warrior rivers.

The Corporation, General Ashburn explained, is an independent operating agency for transportation facilities on inland waterways. Its creation was necessary in order that it might function as freely as any private transportation agency, unhampered by the mass of restrictive laws and regulations governing other governmental activities. "Its purpose is to demonstrate that the public may be furnished cheaper freight rates by joint water and rail hauls than can be furnished by rail haul alone, and that by a combination of such services both rail and water carriers can receive a living revenue, prosper and save the public vast expenditures for railroad development that are unnecessary. \* \* \*

"Its function is demonstrative. \* \* \*

"In 1923 the Corporation carried, in round numbers, 980,000 tons; in 1924, 1,070,000 tons; in 1925, 1,143,000 tons with about 60 per cent of its total equipment (40 per cent being in litigation), and for the seven months of this year has already carried 686,000 tons. The year 1926 will undoubtedly show a total carriage of 1,500,000 tons.

"In round numbers, the total revenue in 1923 was \$2,800,000; 1924 was \$3,500,000; 1925 was \$3,930,000, and in the seven months of 1926, \$2,700,000. The total year will show over \$4,500,000.

"The total net income, including depreciation, for 1923 was

a loss of \$953,000; in 1924, a loss of \$532,000; in 1925, a loss of \$34,000, and in the seven months of 1926, a net profit of \$56,000, or a total of at least \$100,000 for the year.

"The organization is self-sustaining and has been for two years.

"It has converted war-time facilities which could not have been sold on July 1, 1921, for more than \$750,000 into a self-sustaining organization, appraised in 1924 (at the time of its reorganization) by the American Appraisal Company at approximately \$10,000,000, and its present-day value is over \$12,000,000. It has more or less friendly relations with 165 railroads and carriers into and out of 41 states of the Union. Its average saving on a ton of freight to the shipper is \$1.25 a ton, and it is gradually extending its benefits to the remainder of the people of the seven states not now benefited to any extent.

"I think it can be said without fear of contradiction that it has been a remarkable performance for an organization in four years to increase its net value from \$750,000 to approximately \$11,000,000; to have changed its net loss from nearly \$1,000,000 a year in 1923, through reorganization under an effective law of Congress, to a profit of about \$100,000 in 1925, and all of this with an appropriation since 1923 of \$3,000,000, of which \$1,500,000 remains in the treasury untouched."

### Government Enters the Field.

In the early days of the Republic the strict constructionists of the Constitution held that Congress had no authority to construct waterways. The long, hard fight waged by more far-seeing men to bring the Government into the field was told by Anthony J. Griffin, Congressman from New York. Albert Gallatin, brilliant Secretary of the Treasury after Alexander Hamilton, made heroic efforts to secure canal developments by the Government. Mr. Griffin listed four projects which Gallatin urged, and said:

"It is a remarkable fact, showing the prophetic vision of this great statesman, that his plans embraced the following projects:

"A coastwise canal across the isthmus of Cape Cod (now an accomplished fact).

"A canal across the state of New Jersey connecting New York harbor with the Delaware River.

"A canal connecting the Delaware River with Chesapeake Bay.

"A canal between Hampton Roads and the Albemarle and Pamlico sounds.

"It is an invincible test of truth as well as a remarkable coincidence that these improvements are the very ones for which the Atlantic Deeper Waterways Association has so persistently struggled to realize for the past 20 years under the able leadership of another Pennsylvanian—the Hon. J. Hampton Moore. \* \* \*

"It was not until March 3, 1823, that Congress took the bold step of assuming the responsibility for a direct appropriation for rivers and harbors. On that day the Lighthouse bill was passed containing the clause appropriating the modest sum of \$6150 for the improvement of harbors."

But the fight for a broad national policy was still far from won. For a long time sectional jealousies and much log-rolling blocked the proper development of our waterways. Today, however, we have come into a better understanding of the national importance of waterways, and Congressmen from one section, Mr. Griffin said, readily support waterways developments in other sections. Said he:

"Though none of these projects directly benefit New York state, I am sure that you will have the hearty co-operation and support of our delegates to a man. \* \* \*

"The plans of this Association for waterways development have a deep historic background. They are identical, as we have seen, with the aspirations and aims of the founders of this nation; they know no South, no North, no East nor West; they know no rivalries and countenance no hostility of interests. With not a single component member seeking any petty commercial or other advantage, we stand together in mutual respect and tolerance, dedicating ourselves disinterestedly to the patriotic purpose of destroying all natural barriers to our intercommunication and in promoting a cordial spirit of commercial and industrial co-operation among all the states of our Union."

The different sections of the great intracoastal project needing development, together with some of the tributary rivers,

were discussed by men particularly interested in these subjects.

### New Jersey Ship Canal.

The early completion of that important segment, the ship canal across New Jersey, which has been referred to as the "missing link," was warmly advocated by Hon. Frederick W. Donnelly, Mayor of Trenton. At present there is a canal, but so shallow as to be worthless.

By means of the Chesapeake and Delaware Canal, the widening and deepening of which is very near completion, vessels can pass from Baltimore to Philadelphia by way of the upper Chesapeake, the canal and the Delaware River. Should these boats desire then to go on to New York, they must now come down the Delaware River and run the full length of the New Jersey coast in the open sea. The construction of the New Jersey canal from a point near Trenton to the Raritan Bay would cut the distance from Philadelphia to New York to one-quarter the present run, besides enabling the use of inland boats with greater safety than is now possible for the small boats feasible for canal service of any type of construction.

"In discussing this subject, I want you, first of all, to realize it is not local," said Mr. Donnelly. "It represents a national development. In point of illustration let me say that all the waterway systems of America are more or less localized to different districts unless they are woven into a connected whole. \* \* \*

He continued: "New Jersey at two legislative sessions passed resolutions agreeing to purchase the right-of-way and present it to the United States Government. These resolutions were not satisfactory to the Federal Government, because the action of one legislature, by resolution, is not legally binding upon a subsequent legislature. In order to overcome this objection, New Jersey has made an appropriation of approximately \$1,000,000 to purchase the right-of-way, so that we have fulfilled our part of the agreement and the construction of the canal is now contingent upon the action of the Board of Engineers and the United States Congress. \* \* \*

"The actual work on the acquisition program has been commenced by the New Jersey Commission on Commerce and Navigation. Agents are now in the field acquiring options for the right-of-way and making a general investigation of the lands to be acquired.

"But we are going further than the acquisition of the right-of-way, for we are planning to control the terminals. Thirty-four miles of canal and 68 miles of terminal sites are embraced in the plan. New Jersey also intends to build along the canal a motor-truck road, reaching from New York to Philadelphia; it also proposes to build, or have built, railroads with the necessary projections."

Passing then to a discussion of the general subject of water transportation, Mr. Donnelly said the nation is annually losing \$1,000,000,000 on the transportation by rail of low-grade freight that should go by water. "Why, in Trenton alone we are losing \$5,000,000 annually because of inadequate depth in the Delaware River to Trenton. \* \* \*

"I do not know how much longer we are going to wait to bring about a change in these conditions, but I do want to say that the cost of the outside route you hear so much about—the loss of time, the destruction of ships, the insurance, the maintenance and, more than all, the loss of lives—should be considered and influence you all to help these transportation projects."

### The James River.

Since the convention was held in Richmond, situated at the head of navigation on the James River, and since about 225 of the delegates made the boat trip up the James to Richmond by day, the development of the channel of the James received much attention. On the boat, as she advanced up the river, Col. Keith Compton, chief engineer for the city of Richmond, told something of the river's possibilities and explained what improvements were contemplated.

From 1890 to 1925, his figures show that traffic on the river,



with very little channel improvement, has been as follows: 1890 to 1900, 637,000 tons; 1900 to 1910, 557,000 tons; 1910 to 1920, 551,000 tons.

The annual tonnage and value of tonnage since 1920 is as follows:

	Tons	Value
1921.....	388,545	\$52,392,509
1922.....	639,217	51,085,691
1923.....	712,853	73,518,819
1924.....	789,542	67,821,993
1925.....	814,607	85,679,691

"Comparison with 127 other navigable rivers of the Atlantic Coast Division shows that the commerce on the James River for the year 1923 ranks fifth in tonnage and second in value of tonnage, and in the latter is exceeded only by that handled on the Hudson River," said Colonel Compton. Further:

"Duty collected on imports at the port of Richmond, Va., for the fiscal years ending June 30 is as follows:

1910.....	\$183,441.35
1915.....	816,631.46
1922.....	1,110,850.53
1923.....	1,430,053.05
1924.....	1,740,784.87
1925.....	1,869,075.60
1926.....	2,222,676.07

"This increase in James River traffic is in spite of the fact that although the draft of vessels has steadily increased, the river depth has remained practically the same as it was in 1878, having increased only one and a half feet since that date. \* \* \*

"Present water rates between Richmond and other coastal points indicate an average saving of \$1 per ton. \* \* \*

"Richmond is known as a city of diversified industries, and while the river commerce at present consists mainly of oil, lumber, brick, tobacco, fertilizer material, forest products, canned goods and general merchandise, with an adequate channel and terminal facilities there would be added such commodities as imports of burlap from India, mica from Africa, green coffee from South America, cloverseed and potash from Germany and France, nitrates from Chile and wood pulp, hay, meal, grain, lumber and edible products from coastal points as far as San Francisco via the Panama Canal. Exports that would move by water are structural steel and steel products, leaf tobacco and tobacco products, lead, tin-foil, flour, lumber products, machinery, paper and paper products.

"It is estimated that the proposed improvements will cost \$10,000,000, or well within the economic limits."

#### Hampton Roads.

The importance to the country as a whole of that section of the intracoastal waterway lying in the Norfolk district was told by Col. F. A. Pope, corps of engineers of the United States Army, manager of the Norfolk district, who said:

"The grand total of water-borne traffic for 1925 was 30,000,000 tons of freight, valued at about \$1,500,000,000.

"The amount of money spent by the Government on improvement of Hampton Roads (from 1876 to date) is, in round figures, \$10,550,000. \* \* \* In other words, for every dollar's worth of freight carried on the waterways of Hampton Roads in (a single year) 1925 the Government has spent altogether (over a period of 50 years) .7 of a cent."

This tonnage originated in many states, or was shipped to many states. This takes no account of the value of the work for national defense or of the 8,000,000 passengers carried in 1925.

George D. Ogden, traffic manager of the Eastern Region of the Pennsylvania Railway, Philadelphia, spoke ably on the subject, "Motor Vehicles and Railroads." The subject assigned Mr. Ogden, while one of great interest and importance and ably handled, has not so direct a bearing upon inland waterways as to justify its inclusion where space is so scarce. Numerous other addresses, likewise important and interesting, must be omitted. Among these are the addresses by Admiral Coles, substituting for Rear Admiral Robert E. Coontz; Fred-

erick H. Newell, former chief, Reclamation Service, Washington, D. C.; Col. E. I. Brown, U. S. A., district engineer, Wilmington, Del., in charge of the Chesapeake and Delaware Canal improvement; Hon. John H. Small, former chairman, Rivers and Harbors Committee, Washington, D. C.; Hon. A. J. Montague, member of Congress, Richmond, Va.; Hon. S. Wallace Dempsey, New York, chairman, Rivers and Harbors Committee, Washington.

The Association closed by accepting an invitation from the city of Baltimore to hold its next convention in Baltimore and by the re-election of all officers. J. Hampton Moore, Philadelphia, is president and William E. Bernard, Philadelphia, treasurer.

RICHARD WOODS EDMONDS.

#### Government Investigating Industrial Accidents.

Washington, September 13—[Special.]—Statistical comparison of the accident rates in various industries has been undertaken by the United States Department of Labor and results of the study will be published within a few months, it is announced by Ethelbert Stewart, Commissioner of the Bureau of Labor Statistics.

"The Bureau," said Commissioner Stewart, has made arrangements with the firms that now furnish it with figures on their volume of employment—the number of men on the payroll at a given date—also to supply their statistics on accidents, distinguishing only between fatal and non-fatal. This gives us at least a start toward developing an accident rate by industries."

No opposition to the Bureau's attempt to secure accident figures is anticipated by Commissioner Stewart, who declared that accurate data is desired for computing the cost of accidents and of compensation in relation to payroll and production costs.

Mr. Stewart stated that figures for the coal-mining industry from 1916 to 1924 show that the rate of fatalities per million tons of coal mined has increased 10.6 per cent, while the fatality rate per million hours of labor in coal mines has increased 21.4 per cent. In 1916 the fatality rate in the coal industry was 3.77 per million tons mined and 1.31 per million hours of human exposure, and in 1924 the death rate was 4.17 per million tons mined and 1.59 per million hours of labor.

#### Crop Report Date Changed.

The general crop report for October will be issued at 3 P. M. Monday, October 11, instead of on Saturday, October 9, states the Crop Reporting Board of the Department of Agriculture.

The report will contain a preliminary estimate of production of spring wheat, oats, barley, hay, dry edible beans, Lima beans, peaches, prunes, broomcorn and hops. It will include figures on the condition of corn, buckwheat, flax, rice, grain sorghums, timothy seed, clover seed, alfalfa seed, pasture, soy beans, peanuts, cowpeas, velvet beans, apples, pears, grapes, oranges, lemons, grapefruit, limes, figs, olives, almonds, pecans, walnuts, potatoes, sweet potatoes, tobacco, sugar cane and sugar beets.

#### Contracts for Florida Buildings.

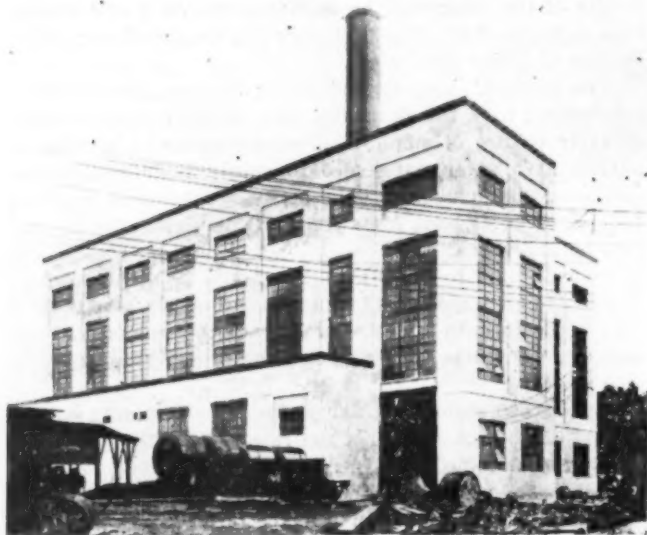
Gainesville, Fla.—Contracts have been awarded by the State Board of Control, of which P. K. Yonge of Jacksonville is chairman, for the erection of a chemistry-pharmacy building here for the University of Florida and for a laboratory for the citrus experiment station at Lake Alfred. J. L. Crouse of Greensboro, N. C., was the successful bidder for the former at \$188,191, and C. F. Jester of Lake Alfred for the latter. Plans and specifications were prepared by Rudolph Weaver, architect for the State Board of Control.

### Florida Central Station Built in Record Time.

Despite freight embargoes which had shipping almost at a standstill for several months, and other seemingly impossible conditions, engineers of the Florida Public Service Company, subsidiary of the General Gas and Electric Corporation, have completed a central electric power station on Lake Monroe, at Benson Springs, Fla., in record time. It is known as the St. Johns River Power Station and is designed for ultimate capacity of 100,000 horsepower. The first unit has a capacity of 12,500 kilowatts.

The station, 145 feet by 146 feet, 90 feet high, was built, equipped and running in seven months' time, demonstrating the speed with which building can be carried on when electrically operated machinery is used. On this job 75 per cent of the work was done electrically.

Under ordinary conditions a year to a year and a half is usually required to build and equip a central station of this



NEW CENTRAL STATION AT BENSON SPRINGS, FLA.

kind, and the fact that this station was built and running in such a short time has aroused much interest.

Most of the orders placed for the structural steel, the building material and the plant equipment necessitated long shipments from Eastern points. Over 1600 carloads of materials were contracted for and pushed through as rapidly as possible in view of the freight embargoes then existing. Barges were chartered to bring materials down the east coast from Philadelphia and other ports, and thence down the St. Johns River from Jacksonville to the site of the power station. The engineers built a freight dock 710 feet long in Lake Monroe in 11 days to facilitate the unloading of boat shipments. Sidings were built from the Florida East Coast Railway and a street car was shipped to the scene for transporting materials on short hauls from the railroad. This was the first street car ever seen in operation in central Florida.

The Westinghouse Electric and Manufacturing Company, which furnished the turbine generator, surface type condenser and auxiliary turbines, made shipment within three months. Delivery of construction steel was started on February 15 and by May 1 most of the machinery equipment was on the way.

The station is designed for burning either oil or pulverized coal. It began operating with fuel oil, which is obtained from the oil fields on the Gulf of Mexico. The oil-burning apparatus consists of 24 wide-range mechanical atomizers, three Quimby pumps capable of delivering 10,000 pounds of

oil per hour, and the necessary accessories. At full capacity the plant will consume about 20,000 gallons of oil every 24 hours. There is storage capacity provided for 300,000 gallons of oil.

Interconnected with the company's 297-mile system of high-tension transmission lines serving central Florida, the first unit of this modern central station will triple the capacity of four other stations operated by the company at Orlando, Deland, Lake Wales and Eustis. It adds 20,000 horsepower additional electrical energy in this rapidly growing section of Florida. Over 60 cities and towns are served by the Florida Public Service Company in the large territory where this power supply will be available.

A detailed description of this project was published in the MANUFACTURERS RECORD of July 15, 1926.

### Power Company to Expend \$5,000,000 at Norfolk—Install 40,000-Horsepower Turbo Generator, Increasing Plant to 100,000 Horsepower.

Plans have been made by the Virginia Electric and Power Company of Richmond, Va., for an addition to its generating plant at Norfolk involving an expenditure of \$5,000,000. When completed the plant will be tied in with the company's system in Virginia and North Carolina, making Norfolk the principal distributing center for Virginia and eastern Carolina, in which the company now operates, insuring adequate power supply for that territory.

The proposed addition will consist of a 40,000-horsepower turbo generator, boilers, buildings and auxiliaries to be installed at the Reeves avenue plant in Brambleton, increasing the capacity to 100,000 horsepower. A battery of new boilers rated to 1700 horsepower each will be installed, designed to develop three times their rated capacity. They will be operated at 425 pounds steam pressure and 725 degrees Fahrenheit steam temperature. Water-screened furnace walls will be provided and coal-burning equipment, with underfed stokers, which will burn 10 tons of coal per hour. Two radial brick stacks, 230 feet high, will be erected.

Land purchased from J. Edward Cole, with the co-operation of the Norfolk City Council, has made available sufficient space for the development. Luke C. Bradley is president of the Virginia Electric and Power Company and Frank McLaughlin vice-president, the latter located in Norfolk.

### Commerce Yearbook for 1925.

The Department of Commerce Yearbook reviewing 1925 is now available for distribution. Last year was America's greatest industrial year and a banner one for American business. The Government's complete record of this outstanding period in American trade and industry is contained in the Commerce Yearbook for 1925, which is considered one of the most valuable issued by any Government.

The book contains: A resume of production, employment, domestic trade and prices. Sections devoted to agricultural products and foodstuffs; fuel and power; metals; construction and construction materials; machinery; motor vehicles; railway equipment; electrical apparatus; textiles; rubber; leather and leather products; paper and printing chemicals. Discussion of transportation and communication; finance and banking; foreign trade; economic surveys of the principal foreign countries.

The book may be obtained from any district office or co-operative office of the Bureau of Foreign and Domestic Commerce, or from the Superintendent of Documents, Government Printing Office, Washington, D. C. The price is \$1 a copy.



## \$10,000,000 Power and Navigation Project Under Way on Ohio River at Louisville.

Work is progressing rapidly on the \$10,000,000 dam and power plant of the Louisville Hydro-Electric Company on the falls of the Ohio River, directly opposite Louisville, Ky. The plant will have an installed generator capacity of 100,000 kv-a. The present capacity of the steam station of the Louisville Gas and Electric Company is 115,000 kv-a, and, when needed, additional steam capacity will be installed in a plant to be erected immediately adjacent to the hydro-electric plant.

In order to raise the navigation pool level at Louisville and above to 420 and further make possible this hydro development, the United States Government engineers designed an L-shaped dam about 8650 feet long, estimated to cost, with certain changes in the canal and locks, \$3,250,000. It was decided to ask for competitive bids for this dam, which, together with the power house, will make possible the utilization of a portion of the river discharge in the generation of electricity. The Byllesby Engineering and Management Corporation submitted the low bid and received the contract. Under the contract the dam is to be completed by December 31, 1928, but indications are that construction will be finished by December, 1927, and that the hydro plant should be completed in the fall of 1928.

The power plant, including all equipment, the transmission line to the Waterside steam station of the Louisville Gas and Electric Company and the substation at that plant will necessitate the expenditure of about \$7,500,000.

The work to date has progressed according to the schedule outlined. The first section of the dam, including the chanoine pass, is nearing completion and the second stage cofferdam

will be completed this year. The excavation is completed at the power house and the power house will be in shape this fall so that work can go forward during the winter season.

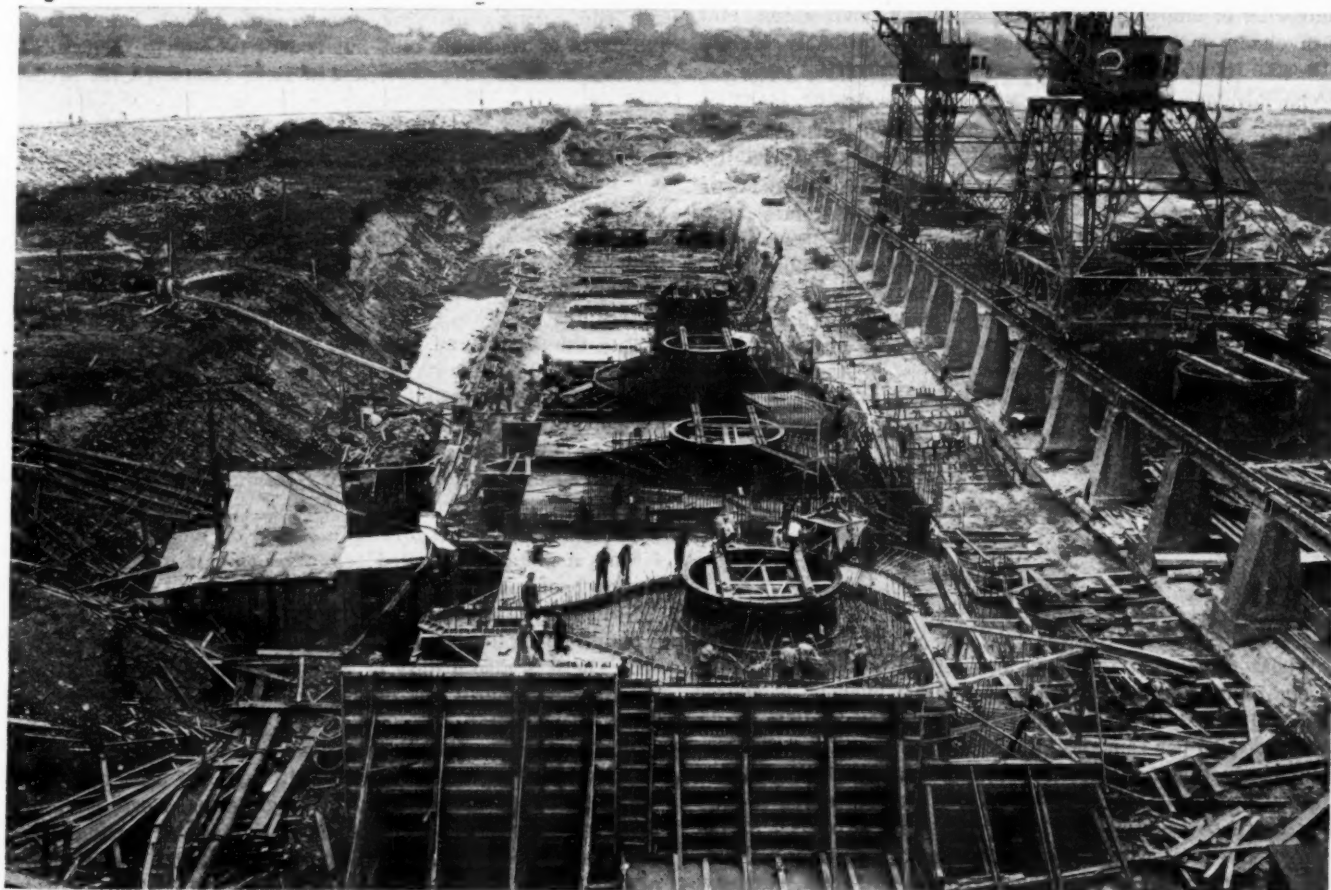
In a recent statement R. G. Butler, superintendent of construction for the Louisville Gas and Electric Company, of which the Louisville Hydro-Electric Company is a subsidiary,



SHOWING COFFERDAM AND SUB-STRUCTURE CONSTRUCTION.

both being controlled by the Byllesby interests, said that with the completion of this project Louisville would have the seventh largest hydro-electric plant in the country.

Details concerning the project were published in the MANUFACTURERS RECORD of June 24, 1926.



GENERAL VIEW OF ELABORATE CONSTRUCTION WORK UNDER WAY ON POWER HOUSE.

## Inland Waterways Corporation Rapidly Expanding Facilities to Care for Growing Business on Warrior River.

Washington, September 3.

*Editor Manufacturers Record:*

In regard to the purchase of certain terminal facilities on the Warrior River by the Inland Waterways Corporation, the corporation is building, or is about to build, an interchange terminal at Holt, just outside of Tuscaloosa, Ala., and it is negotiating to purchase the warehouse now located at Demopolis, belonging to the city, for transfer to the port of Birmingham, where storage and warehouse facilities will be installed. We then propose, as soon as practicable, to double the loading and unloading facilities at the port of Birmingham, through the acquisition of certain cranes and the installation of additional terminal tracks. Further developments there will depend upon the traffic.

You are doubtless aware of the fact that the corporation purchased the entire capital stock of the Warrior River Terminal Company, which operated the Ensley Southern Railroad, and now has direct entrance into the city of Birmingham over the Birmingham Southern tracks.

The tonnage of all classes on the Warrior River Terminal Company's Railroad is increasing very rapidly, and in order to put the Warrior River Terminal Company's rolling equipment somewhat on a par with the other railroads with which it connects we have already contracted for 40 steel gondola cars, which are in course of construction. Engines and other cars necessary will be temporarily secured from the Birmingham Southern or other railroads, as the case may be, by rental or per diem, and as the traffic warrants additional equipment will be purchased.

The channel in front of our ore and coal handling plant at Mobile has been deepened to 30 feet to permit of the direct bunkering of ships and unloading of heavy commodities, and with cheap coal from the Alabama fields probably Mobile will take its proper place as a great coal-bunkering port.

The development of a greater cement-producing plant at Spocari, with opportunities of distribution through New Orleans, will unquestionably benefit Demopolis and vicinity.

Upstream packet freight has developed to a tremendous extent, and when the downstream traffic becomes thus sweetened our dreams of making the Warrior profitable will have come true. We are negotiating now for additional towboats, and they will be put in service as traffic requires.

I have no doubt, when all of these plans and others under way are consummated, the Warrior River will furnish a striking example of the economy and practicability of joint rail-water rates, which will give the public cheaper transportation and a living revenue to both rail and water carriers.

T. Q. ASHBURN,  
Brigadier General, U. S. A.,  
Chairman and Executive.

## World Wheat Crop Prospects.

Wheat production forecasts and estimates reported for 25 foreign countries amount to 1,828,000,000 bushels, compared with 2,043,000,000 bushels in those countries in 1925, a decrease of 10.5 per cent. Adding the United States figure, the total production for all countries reporting to date is 2,667,000,000 bushels, a decrease of 1.5 per cent from the production of those countries in 1925, when they produced 81 per cent of the total world crop, exclusive of Russia and China, and 92 per cent of the Northern Hemisphere total, exclusive of Russia and China. Conditions in Canada have been gen-

erally favorable since the last official report, and it is expected that the September forecast will be larger than the August figure, increasing the surplus available from North America.

The total crop so far reported for Europe is now placed at 1,051,000,000 bushels, a decrease of 9 per cent from the crop of the same countries last year. Germany is the principal country for which no definite estimate is available. With production in that country now believed to be 14 to 20 per cent below last year and a reduction looked for in Yugoslavia also, it is expected that the total European crop, exclusive of Russia, will be at least 10 per cent below the 1925 crop, but above the average for the past four years. Early threshing results indicate a poor quality in Germany and Rumania. In France, Bulgaria, the Theiss region of Hungary, Denmark and Portugal qualities are said to be good. Heavy rains in Spain during harvest time are reported to have injured the quality. Although the European wheat crop is above the average this year, the rye crop is now expected to be not more than average and early indications point to a poor potato crop, all indicating a reasonably good demand for non-European wheat.

The Russian wheat and rye crops are now believed to be smaller than last year, although the quality so far is reported to be good. Exports are expected to be no greater than from the 1925 crop.

## Tariff Commission Party on Important Trip.

Washington, September 18—[Special.]—With the study of the peanut and cottonseed industries of the Southern states practically completed, four experts of the United States Tariff Commission have sailed from San Francisco for the Orient to gather final data on which possible changes in the tariff on vegetable oils and peanuts will be based. The trip may end a long controversy between the peanut raisers and the users of vegetable oils, but it will be late in the winter before the Tariff Commission will have completed its investigation.

The controversy started more than a year ago, when manufacturers of butter substitutes and other users of vegetable oils petitioned the Tariff Commission to recommend to the President a downward revision, under the flexible provisions of the tariff laws, of the duty on peanuts, cottonseed and soy beans and the oils from them. As a counter-move, the peanut growers filed an application asking for an increase in the peanut tariff. The Tariff Commission started an investigation of the peanut and vegetable oil industries, but announced that it would confine its investigation to the cost of extracting the oils from the vegetable products. Producers insisted that agricultural production costs be included, but the Commission declined, until the Senate last spring passed a resolution introduced by Senator George of Georgia, directing it to base its report on the agricultural costs of vegetable oils.

The present duty is 3 cents a pound on unshelled peanuts, 4 cents a pound on shelled peanuts, one-half a cent a pound on soy beans and one-third of a cent a pound on cottonseed. On oils, the tariff is 4 cents a pound on peanut oil, 3 cents a pound on cottonseed oil and 2½ cents a pound on soy bean oil. There is also a duty of 2 cents a pound on coconut oil, but the agricultural cost of this product is not concerning the Tariff Commission.

While cottonseed and soy beans are important factors in the investigation, the principal agitation has been over peanuts. The big Jumbo peanuts of Virginia and North Carolina were studied first, and field data on the cost of raising these peanuts has been gathered. Three agricultural investigators of the Tariff Commission are now in South Carolina, Georgia and Alabama completing the field work on the production

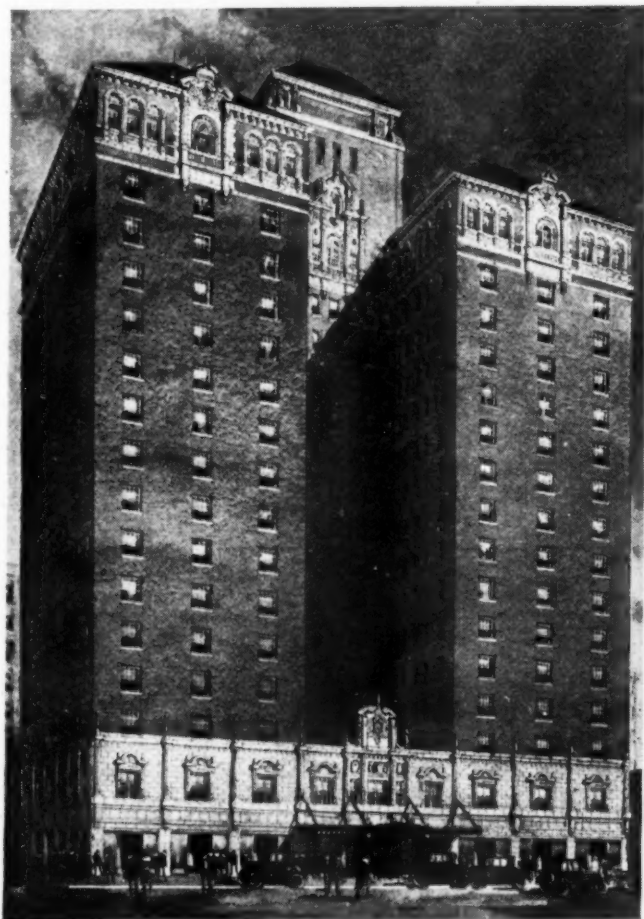


costs of the small Spanish peanuts and of cottonseed. Data on the American costs is nearly complete, but the investigation must then wait until the return of the men making a similar study in China and Japan and the revision of their data into a form comparable with domestic figures.

### Building \$2,500,000 Hotel at Houston.

A 30-year lease has recently been closed by the William Foor Hotel Operating Corporation of Richmond, Va., for the new San Jacinto Hotel now under construction at Houston, Texas, for the National Bond and Mortgage Company of that city. The structure will contain 400 rooms and will represent an investment of approximately \$2,500,000. Upon its completion it is expected to rank as one of the finest hotels in Texas. It will open in December as the first unit of a proposed chain contemplated by the Foor Corporation.

The building is 150 by 85 feet, 16 stories, of steel frame, with steel joist floor construction, reinforced concrete founda-



SAN JACINTO HOTEL, HOUSTON, NOW UNDER CONSTRUCTION.

tion, clay-tile roof, cement, tile, terrazzo, marble and hardwood floors. Joseph Finger is the architect, with C. R. Berry & Co. general contractors, both of Houston. Other contractors include the Orange Car and Steel Company of Orange, Texas, for structural steel; Jacobs Brothers Electric Company, Houston, electrical work, and the Dixie Heating and Ventilating Company, also of Houston, for heating, ventilating and plumbing work.

Promotion of the project has been handled largely by William Viner, vice-president of the National Bond and Mortgage Company, while G. L. Miller & Co. of New York and Atlanta underwrote the first mortgage bond issue.

### Average Annual Cash Dividends of Corporations Shown to Be Only Three and One-Half Cents Out of Each Dollar of Gross Receipts.

An average of only three and a half cents out of every dollar of gross receipts annually of all the corporations in the United States is applied to cash dividends even in good years, according to an analysis of corporate finances made by the National Industrial Conference Board, New York. Cash dividends in 1923, the latest representative good year for which data are available, ranged from an average of 7 per cent of total receipts among corporations engaged in financial operations, such as banks, insurance companies and the like, to as low as an average of 1.2 per cent of total receipts in wholesale and retail trade. In the same year transportation and public-utility companies disbursed 6.3 per cent of their gross receipts as cash dividends, while the manufacturing companies' total cash dividends amounted to only 3.6 per cent of their total receipts. Dividends paid by the mining industry, while amounting to 6.1 per cent of the companies' aggregate receipts, were paid almost entirely out of reserve funds, only one-fifth of 1 per cent of their total receipts representing net profits for that year.

The total amount set aside in 1923 for improvements, expansion, making up previous losses and other capital reserves represented little more than 2 per cent of the total receipts of all corporations, and 2.6 per cent was charged to depreciation. This 2 per cent of gross receipts not disbursed as cash dividends also covers the item of stock dividends, which loom so large in creating a popular impression of great prosperity in the case of a few individual companies. But the relative importance of such surplus earnings, as regards the business of the nation as a whole, in the light of the Conference Board's analysis obviously is very small, being only a fractional portion of 2 per cent of total receipts.

By far the greatest proportion of the gross income, 86.8 per cent, or nearly nine-tenths, of the total receipts of all corporations in 1923 went into operating expenses, covering wages, cost of materials, fuel, power and supplies, officers' salaries and miscellaneous overhead expenses. Taxes claimed 2.2 per cent and interest on borrowed capital 2.8 per cent of the total receipts.

These figures, the Conference Board points out, reflect the responsibility resting on management under the prevailing regime in which business depends on large turnover with relatively small profit per unit of sale. A 5 per cent shrinkage in the volume of sales of a company doing no better than the average, for instance, would be sufficient to endanger the margin of income available for dividends, and a 10 per cent drop in business activity could wipe out the entire net profit and might even result in a substantial deficit for the year, unless operating expenses can be sufficiently and promptly enough reduced to offset the decrease in sales.

In the manufacturing industries wages, materials and supplies consume approximately 70.7 per cent of the total receipts, while such fixed charges as taxes, interest and depreciation in 1923 absorbed another 5.3 per cent, officers' salaries 1.7 per cent and miscellaneous overhead expenses 16.2 per cent. In times of declining business activity, therefore, only those industrial managers who were alert as to the changing business trend were able to effect the necessary economies in time to escape the necessity of reducing payrolls and of hazarding profits.

Contrary to popular impression, the margin of total receipts representing net profits of corporations engaged in wholesale and retail trade is smaller than that in any other line of business activity. It amounted to only 2.6 per cent in 1923, and strikingly reflects the prevailing tendency of large turnover at a small profit per sale. Only a little more than 1 per

cent of total receipts was paid out as cash dividends in that year by trading corporations, 1.4 per cent of their gross income representing earnings set aside for expansion, improvements and to make up past losses.

### Fireproof Grain Elevator and Mill Under Construction at Juliette, Ga.

Macon, Ga.—Construction is under way on the new plant of the Juliette Milling Company at Juliette, on the Ocmulgee River near here, replacing the buildings which were completely destroyed by fire in May, 1926. It is expected that the plant will be complete and in operation by January 1.

Immediately following the fire the owners decided to erect a modern fireproof plant of reinforced concrete, and contract for design and construction was awarded to the Spencer Construction Company of Baltimore, Eastern division of the MacDonald Engineering Company of Chicago, Ill. The machinery contract was let to Nordyke and Marmon Company, Indianapolis, Ind. Excellent concrete sand is obtained from the river adjacent to the plant. Other materials are being supplied as follows: Gravel, Alabama Sand and Gravel Company, Montgomery, Ala.; lumber, Berner Lumber Company, Berner, Ga.; reinforcing steel, Maryland Steel Products Company, Baltimore; steel sash, Truscon Steel Company, Youngstown, Ohio, through the Baltimore office.

The plant will consist of a grain elevator with a capacity of 60,000 bushels, a mill building of four stories and basement, a packing bin building, and a warehouse of one story and basement. A water-wheel power house will be located directly back of the mill.

The mill is operated entirely by water-power, approximately 750 horsepower being used. Old-fashioned, Southern-style, water-ground meal, made on burr stones and degerminated grits, are produced. It has a grinding capacity of about 6000 bushels of corn daily.

J. N. Birch, S. R. Jaques and S. R. Jaques, Jr., are officers of the company.

### Canning Plant Being Established at Chipley, First of Florida Chain.

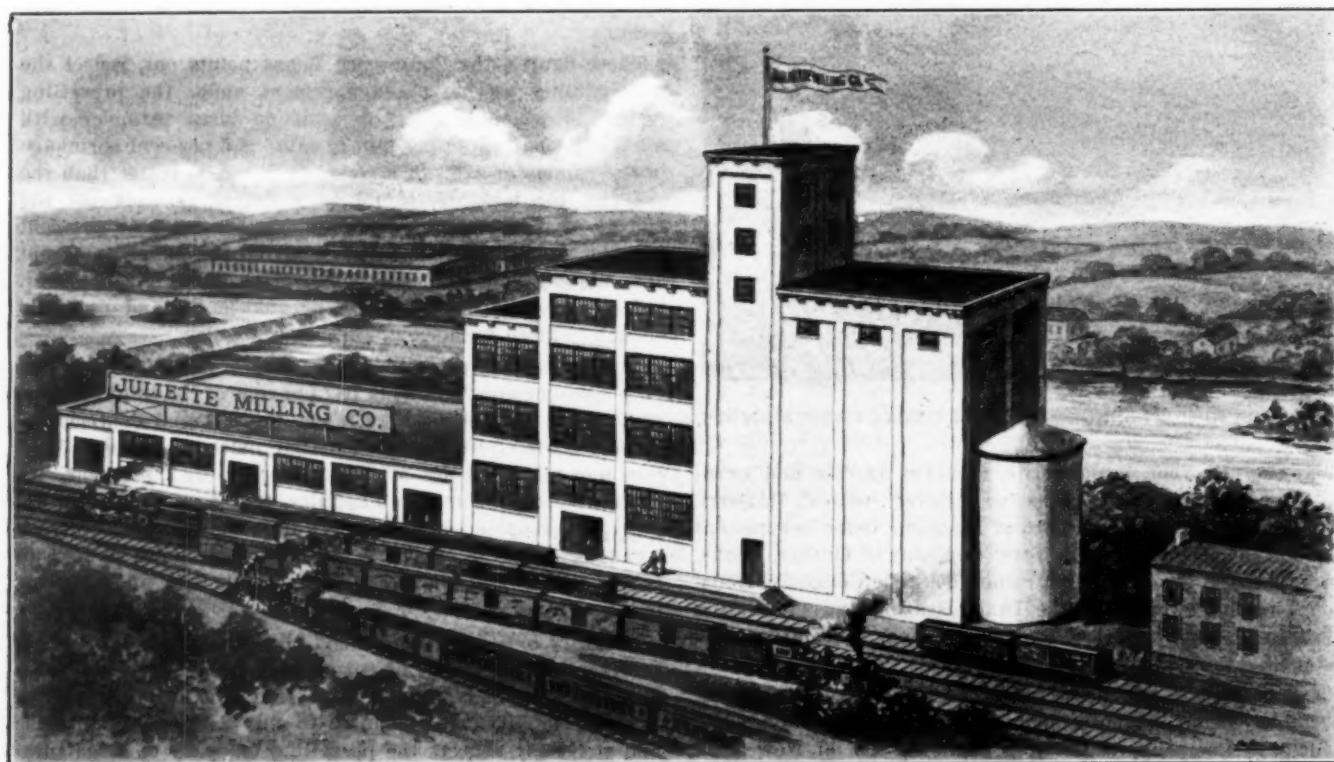
Chipley, Fla.—The Florida Packers Corporation, E. R. Mulcock, president, recently purchased the property of the Chipley Packing Company and are now converting it into a modern canning plant, one of a chain of such plants to be established in Florida. It will be finished in time to pack the sweet-potato crop the latter part of October. Various fruits and vegetables, such as pears, peaches, berries, plums, figs, pineapples, grapefruit, cherries, peas, beans, pimiento peppers, cucumbers, asparagus, etc., will be handled. In addition to the Chipley canning plant, the company has a 70-ton refrigeration plant for cold storage for poultry and meats.

### Mississippi Central Power Company Chartered.

Miss., Jackson.—The Mississippi Central Power Corporation, recently chartered in Maryland with a capital stock of 1,000,000 shares, reported to have a par value of \$100 a share, is not to be a holding company nor is the par value of the shares \$100. The stock will be issued as shares without par value. The company will not take the place of any present subsidiary or associated company of the Electric Power and Light Corporation operating in Mississippi, Arkansas or Louisiana as has been reported. It may acquire and own property in Mississippi, although it is understood that its operations will not be extensive. The company was organized under the supervision of Electric Bond and Share Company, New York.

### Contract for \$400,000 Hospital Addition.

Memphis, Tenn.—General contract has been awarded by the Baptist Memorial Hospital, G. D. Sheets, superintendent, to the Kaucher-Hodges Company of this city for the erection of the proposed \$400,000 hospital addition here. The new structure will be nine stories, 42 by 150 feet, of reinforced concrete and steel, with stone trim and steel sash. Three high-speed elevators will be installed. Pfell & Awsumb of Memphis are the architects.



ELEVATOR AND MEAL MILL FOR GEORGIA TOWN.



### Georgia Power Company Organized—Will Consolidate Number of Georgia Utilities.

Atlanta, Ga., September 20—[Special.]—Following the filing of a petition for a charter of the Georgia Power Company, it was announced by P. S. Arkwright, president of the Georgia Railway and Power Company of this city, that the purpose of the new company is to consolidate into one organization various electric light, power, street railway and gas companies in Georgia, the stock of which has been acquired by the Southeastern Power and Light Company. The Georgia Power Company eventually will own and operate these properties instead of having numerous separate companies as at present.

Properties include the Georgia Railway and Power Company, Georgia Railway and Electric Company, Athens Railway and Electric Company, Athens Gas Light and Fuel Company, Rome Railway and Electric Company, Georgia Utilities Company, Georgia Southern Power Company, Milledgeville Lighting Company, Macon Railway and Electric Company, Macon Gas Company, Central Georgia Power Company and several other corporations, all controlled by the Southeastern Power and Light Company.

The Georgia Power Company at an early date plans to acquire the properties of Georgia Utilities Company, Georgia Southern Power Company, Milledgeville Lighting Company, East Georgia Power Company, Athens Railway and Electric Company and Athens Gas Light and Fuel Company. Later the Georgia Power Company will acquire the Georgia Railway and Power Company, Georgia Railway and Electric Company and the Macon group of properties in order to consolidate all of the companies under the name of the Georgia Power Company.

This consolidation, it is said, will greatly simplify the situation, aid in financing the enterprise and result in a unification under one company of various operations.

The new company will be a Georgia company, incorporated under the laws of the state, controlled and managed as provided by the Georgia laws, with a board of directors, the majority of whom will be residents of the state of Georgia, and, of course, will be subject to regulations of the Georgia Public Service Commission.

P. S. Arkwright will be president of the new company and H. M. Atkinson will be chairman of the board of directors.

### Work Progressing on Greensboro Station.

Discussing the progress of construction on the new \$700,000 passenger station at Greensboro, N. C., for the Southern Railway Company, the Consolidated Engineering Company, Incorporated, of Baltimore, general contractor, advises the MANUFACTURERS RECORD that foundations for the main station building, baggage building and mail building have been completed and that a subway, platform, stairs and ramps have been installed. The structural steel frame for the main building and concrete floors for the same structure have also been completed. Work is progressing on train sheds and platforms and construction will begin at once on an express building. Minor construction changes will involve the installation of marble wainscoting throughout the main building instead of cement wainscoting, while terrazzo floors, with marble base, will be used instead of cement floors.

Sub-contracts awarded by the general contractor include the following: Cut-stone work, Indian Hill Stone Company, Bloomington, Ind.; structural steel, Virginia Bridge and Iron Company; ornamental iron, Monteith-Soule Company; electric wiring, Richardson-Wayland Electrical Corporation, all of Roanoke, Va.; face brick, Hood Brick Company; plumbing, Toomey Plumbing and Heating Company; plastering, D. Draddy Company, all of Charlotte, N. C.; brick, Cherokee

Brick Company, Raleigh, N. C.; cement, Baltimore office of Lehigh Portland Cement Company, Allentown, Pa.; millwork, Louisville Planing Mill Company, Louisville, Ky.; heating, B. MacKenzie, Greensboro, N. C., and roofing and sheet-metal work, the Budd-Piper Roofing Company, Durham, N. C.

Fellheimer & Wagner of New York are architects for the station.

### New \$300,000 Hotel Opened at Springfield, Mo.

Erected at a cost of \$300,000, the new Kentwood Arms Hotel has been opened at Springfield, Mo. This structure, erected by John T. Woodruff of Springfield, is the first unit of three buildings to be erected on the same grounds, the others to be duplicates but devoted to apartments. The building is fireproof with modern equipment, including metal-frame



KENTWOOD ARMS HOTEL, SPRINGFIELD, MO.

windows, rolled screens and other facilities. To provide a sound deadener and insulation against heat and cold, Celotex has been used on all concrete, as well as under oak floors in the lounge rooms and ballroom.

The structure is located on a site of approximately three acres and is about two blocks from the business center of the city. It stands well back on the lot and is fronted by a lawn and forest trees. In addition to 100 guest rooms, it contains a lobby, dining room, grill room, ladies' lounge, men's club-room, ballroom and roof garden. Charles E. Toombs of Springfield is the architect and engineer and Caldwell and Son Company, Indianapolis, Ind., general contractor. Furnishings were supplied by Albert Pick & Co., Chicago.

As managing director of the enterprises under his control, Mr. Woodruff also operates Pinebrook Inn at Siloam Springs, Mo., a modern hotel devoted exclusively to vacationists. Golf courses are operated in connection with both hotels.

### Dried Orange Juice Rich in Vitamines.

Florida is in a position to develop another important industry in connection with its great citrus crop, believes the Pensacola Journal. Recent experiments, it is stated, show that dried orange juice will retain its health-giving vitamins for long periods of time, and that packages of orange powder probably will form an essential part of ship supplies of the future. The Journal states that if orange juice can be commercially dried and preserved for any great length of time and again converted into its palatable and health-giving form, Florida should be able to use the lower grades for that purpose and thus create a profitable industry.

### Southern Cement Plants in \$40,000,000 Merger.

The Pennsylvania-Dixie Cement Corporation has been incorporated under the laws of Delaware to acquire the business and properties of the Pennsylvania Cement Company, Bath, Pa., and New York city; Dexter Portland Cement Company, Nazareth, Pa.; Dixie Portland Cement Company, Chattanooga, Tenn., and the Clinchfield Portland Cement Corporation of Kingsport, Tenn., and Clinchfield, Ga. Upon the acquisition of these properties, valued at approximately \$40,000,000, the corporation will own seven plants with an aggregate productive capacity of 10,000,000 barrels of cement annually. Three of the plants are in the South, three in Pennsylvania and one in New York.

The certificate of incorporation showed the company was capitalized for \$20,000,000 preferred stock and 1,000,000 shares of no par value common stock but fixed at \$100 a share for the purpose of taxation.

An issue of \$13,000,000 first mortgage 15-year 6 per cent gold bonds is offered by a banking group composed of the National City Company, Lehman Brothers, Cassatt & Co., Mitchell, Hutchins & Co., Hemphill, Noyes & Co., Hornblower & Weeks, Rogers Caldwell & Co., Inc., and Bond, Goodwin & Tucker, Inc. This financing, together with the sale of preferred and common stock, was arranged in connection with the acquisition of the properties making up the new corporation and to provide additional working capital.

It is understood that Richard Hardy, president of the Dixie Portland Cement Company, is to be chairman of the board of directors, and that J. A. Miller of Nazareth, Pa., will be president and George Killiam, Chattanooga, Tenn., secretary-treasurer.

The National City Company, New York city, advises that no special plans for expansion are contemplated at present, as all of the properties are efficient units as at present constituted.

### Plans \$375,000 Hotel-Club.

Lynnhaven, Va.—Details are being worked out by the Templar Encampment Association, Inc., J. Edward Cole, president, Norfolk, for the erection of a \$375,000 hotel-club here, for which Calrow, Browne & Fitz Gibbon of Norfolk are preparing plans. It is understood that approval of the project will be sought on October 28 and 29 at a meeting at Lynchburg of the Grand Commandery Knight's Templar of Virginia, and that official sanction is expected. Plans for the new building call for three and one-half stories, fireproof, Spanish architecture, with steel frame, stucco exterior and tile roof. It will contain 104 bedrooms, ballroom and dining room, each 48 by 80 feet, lobby, lounge, roof gardens and other facilities. Golf courses are also being considered in connection with the enterprise.

In order that the operations of the club may not be interrupted while the new building is being erected, a temporary structure will be provided for the use of members.

### Contract for \$375,000 Hotel at Biloxi.

Biloxi, Miss.—General contract has recently been awarded by the Dorries Hotel Company of this city to Kaucher, Hodges & Co., Memphis, Tenn., for the erection of an apartment hotel here to cost approximately \$375,000, with furnishing and equipment, and construction is progressing. The building will be about 126 by 126 feet, five stories, of reinforced concrete construction, with concrete and pile basement, terrazzo and tile floors and Barrett roof. Carl E. Matthes of Biloxi is the architect and J. B. Jensen of New Orleans engineer.

### Big Water Plant for Southern Railway Under Construction Near Spencer, N. C.

The Southern Railway system is erecting on the Yadkin River, three miles north of Spencer, N. C., a large electrically operated water plant. The present water requirements are 1,500,000 gallons daily. To meet this demand there is being installed a 2,500,000-gallon concrete sedimentation basin, a duplicate installation of 1800-gallon-per-minute motor-driven centrifugal pumps for raw water and the same for clear water. All the machinery, with necessary chemical facilities, will be placed in a reinforced concrete waterproof pump-house adjacent to the sedimentation basin on the river.

Water will be pumped through 14,800 feet of 16-inch discharge line. At the shops a 100,000-gallon steel storage tank will be built.

A new and independent fire-protection system has just been completed. This work included two 200,000-gallon storage tanks, 1500-gallon-per-minute Underwriters' fire pump, circulating system of fire mains and fireproof power-house.

The 1800-gallon-per-minute pumps will be furnished by the Worthington Pump and Machinery Corporation, New York city; motors will be supplied by the Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa., and the 100,000-gallon steel tank will be erected by the Pittsburgh-Des Moines Steel Company, Pittsburgh. The 1500-gallon-per-minute Underwriters' pump was furnished by Fairbanks, Morse & Co., Chicago, and the two 200,000-gallon standpipes for fire-protection storage were furnished by the Pittsburgh-Des Moines Steel Company. The chemical equipment has not yet been purchased.

### \$1,000,000 Medical Arts Building for Shreveport.

Shreveport, La.—Details have been arranged by the Benson Realty Company of this city to erect a \$1,000,000 Medical Arts Building here at Travis and Louisiana streets, the structure to front 133.6 feet on the former and 150 feet on the latter, although the building proper will be only 48 feet on Louisiana street. It will be 12 stories, of reinforced concrete and steel, and will provide space for 182 offices. The basement will serve as a parking space for automobiles of the occupants, while the ground floor will be occupied by a drug store, surgical supply house and kindred enterprises. Freight and passenger elevators will serve each floor, including basement. Lang & Witchell of Dallas, Texas, are the architects.

### North Carolina Banks to Merge With \$4,000,000 Capital.

Gastonia, N. C.—Negotiations have been consummated by the Third National Bank of Gastonia to surrender its national bank charter and take out a state charter, preliminary to consolidating with the Peoples Loan and Trust Company of Kings Mountain, the Farmers Bank and Trust Company, Cherryville, and the Mount Holly Bank of Mount Holly, all in North Carolina. It is stated that the consolidated bank will have a capital stock of \$4,000,000. A local governing board will be maintained at each branch.

### Fifteen Georgia Banks Reopened.

A report from Atlanta quotes Georgia State Banking Department officers as saying that 15 of the recently closed banks in that state have reopened for business, the latest reported being the Bank of Adairsville, Adairsville, Ga.; Farmers and Merchants Bank, Rebecca, Ga.; Bank of Stapleton, Stapleton, Ga.; Planters Bank of Pavo, Ga., and the Rockmart Bank of Rockmart, Ga.



## THE IRON AND STEEL SITUATION

### September Production Close to August Rate.

Pittsburgh, September 20—[Special.]—General conditions in the steel trade show no really material change from a week ago, nor is September running distinctly different from August, which showed the remarkable gain of 10 per cent over July. This simply makes the rate in August and September approximately equal to the average in the first seven months of the year.

As formerly, the business is widely variegated in character and very few lines show what may be considered exceptional activity or exceptional dullness. The only two really conspicuous cases are the oil and gas fields, which are taking altogether unprecedented tonnages of casing, drill pipe, tubing, etc., and the freight-car building industry, which is doing scarcely anything in building cars, though there is much repair work.

The steel trade has been making many short-range comparisons as to record production last year and this, giving the impression of an abnormal volume of business out of keeping with the general industrial and commercial activity. There has been a strong note of conservatism and suspicions are privately entertained that the activity may decrease decidedly almost any time.

Longer-range comparisons show these steel tonnages are not so remarkable and should allay the suspicions. It is true that 1925 made a new high record in steel production, but that may be considered technical, for the gain was insignificant, and an average gain year by year is the natural thing, on account of growing population and new uses. Taking this year at 10 per cent gain over last year, the increase over 1920 is only 17 to 18 per cent, with a six-year interval. With 1924 only a slightly "off" year, the four-year period 1923 to 1926, inclusive, has what is considered very heavy production, but the average falls just short of being one-third increase over the average of 1912 and 1913, while the interval may be taken at 12 years. Steel used to gain much more rapidly than that. Thus there is at least as much statistical reason for expecting increases as decreases in the future.

Only a slight change in the flow of steel business may produce notable results. In this period of activity steel mills have done no more than maintain prices and there has been strenuous competition for large and small orders. There is always a possibility of accidents to prices. On the other hand, mill operations have been at 86 per cent of assumed capacity, and 14 per cent leeway is not much. Should it chance to be bridged, the old practices of forward buying and accumulating of stocks would presumably return and prices would naturally be advanced.

Fabricated steel lettings reported last week totaled about 29,000 tons, making a fair average week. The run of business since July 1 has been only a trifle below that of the first half of the year, and this year, as a whole, shows little decline from last year, while steel in general shows a 10 per cent increase.

Agricultural-implement works have had an unusually active summer, departing from their old experience of little operation in the hot months, and heavier operations are planned in the next few months. Automobile building is heavy and promises to continue through next month. November and December are usually light months. Truck and tractor building is very active.

The valley pig-iron market shows a little more inquiry, but is still in poor shape. The majority of producers have been

holding prices which a few producers have been shading, and increased buying is needed to even up prices.

Connellsville coke maintains the firm tone recently acquired, although actual buying is light. With raw-coal shipments heavy, the region is working at close to its labor capacity.

Heavy melting steel scrap remains quotable at \$17.50 to \$18, delivered Pittsburgh district, but the tone of the market is hardly as strong as a week ago.

### Large Buyers Still Expect Pig-Iron Decline.

Birmingham, Ala., September 20—[Special.]—Furnace interests in this state are asking \$21 per ton for No. 2 foundry iron. Larger consumers of iron are holding off in their buying in anticipation of a decline in quotations. Small-lot orders are quite numerous; added to the business on books, the make is required in meeting demands. Stove manufacturers have recently come into the market again with their small-lot buying, a better feeling being noted in that direction. Twelve blast furnaces in Alabama are producing foundry iron, the Woodward Iron Company having recently blown out one furnace and switching from foundry to basic iron with another furnace, this latter product being sold to the Tennessee Coal, Iron and Railroad Company for a considerable period ahead. As a consequence of the reduction of blast furnaces on foundry iron there is little, if any, foundry iron going to the yards on surplus piles.

Larger consumers of iron, the cast-iron pressure-pipe makers in particular, are not buying at all because there is a belief that the quotation base will be conceded to. It is considered these interests feel confident that when they need iron they can get it at current prices. Iron on the yards of these interests is showing depletion, and it will not be long before there will have to be some new buying. The survey of the pressure-pipe market shows that with orders in hand and in sight there will be warrant for steady operation of shops through the winter. The statement is still heard that some of the pressure-pipe makers in this district are from 30 to 60 days behind in deliveries, despite the fact that the production is greater now than it ever was. The pressure-pipe prices continue low, \$39 to \$40 being given as the base on six-inch and over pipe. Shipments of this product are exceedingly heavy in all directions. Arrangements have been made for shipment in October via the Warrior River barge service of 500 tons of pressure pipe destined for the Northwest. Later there will be greater tonnage announced, but this starter gives an idea as to what is expected on the river service.

While it is stated that the soil pipe and fittings trade continues slow, there is much iron being melted in this direction. Several of the pipe shops are operating to near capacity. Foundries and machine shops are still getting in jobbing contracts and there is much doing. With the stove manufacturers resuming their activity, the iron melt of the district is showing great improvement among the smaller melters.

Furnace interests look forward to a buying movement before the end of this month. The first announcement of purchase in quantity will bring about general buying. No further schedule of furnace operation is as yet given out save that the 12 blast furnaces will continue on foundry iron and 10 on basic, with the Gulf States Steel Company furnace, near Gadsden, to be included in the list within a few days.

The steel market in this district is strong. Some of the finishing mills are not getting all the steel needed. Where delivery is urgent, operations are being maintained at high speed. The rail mill of the Tennessee Coal, Iron and Railroad Company at Ensley has been going steadily for months

and recently overtime effort has been noted. Much rail is being produced and shipped. Reports are current of large tonnages shortly to be placed by railroads which look to this district for their supply. Local needs alone will be heavy. Steel in various shapes continues to leave the district in quantity. Local consumption is heavy, structural steel in particular being required on a number of buildings, including the new Jefferson Hotel being erected at the corner of Second avenue and 17th street, Birmingham. As with pig-iron, steel makers and fabricators look for continued activity throughout this year.

The coal and coke trade in Alabama is entering an activity which promises to warrant indefinitely an absolute capacity output. Larger fuel consumers are taking their normal tonnages and domestic demand is picking up. Fuel contracts in the adjoining states have been received recently which will call for round tonnages. Domestic coke produced in Birmingham is being shipped into sections where smokeless fuel has been desired. Chicago, St. Louis and Kansas City have been taking domestic coke, while throughout the South there is a growing demand for this fuel. It is estimated that 10,000 tons of domestic coke will be used in Birmingham alone during the next few months. Every by-product coke works in the district is in full operation. With the exception of the iron and steel companies and a few ovens of the independent producers, effort is being given toward domestic coke, the demand picking up greatly. The Alabama By-Products Corporation has 100 beehive ovens in operation at Bradford, in the northern part of the county, while less than 30 beehive ovens are producing pitch coke. Coke quotations range between \$5.50 and \$6 per ton, the lower price on contracts and the \$6 price on spot or quick delivery.

The Alabama By-Products Corporation is putting in two model mining camps at Praeco and Quinton, in the western part of Jefferson county, building upward of 500 houses and providing schools, sanitation, streets and other conveniences.

Portland cement trade continues good, though there is greater production than demand, according to statements here. The large, new cement plant at Powderly, a short distance from Birmingham, will be in operation by the end of the year.

The old-material market is still low and quotations weak. Heavy melting steel at \$13 per ton does not attract much attention from those who use the product in quantity. Dealers in scrap iron and steel are keeping their yards in fine shape, plenty of stock and a competent force preparing it according to requirements of the territory.

Pig-iron and iron and steel scrap quotations follow:

#### PIG-IRON.

No. 2 foundry, 1.75 to 2.25 per cent silicon, f. o. b. furnaces, \$21.00; No. 1 foundry, 2.25 to 2.75 per cent silicon, \$21.50; iron of 2.75 to 3.25 per cent silicon, \$22.00; iron of 3.25 to 3.75 per cent silicon, \$22.50; iron of 3.75 to 4.25 per cent silicon, \$23.00; charcoal iron, f. o. b. furnace, \$29.00 to \$30.00.

#### OLD MATERIAL.

Old steel axles.....	\$17.00 to \$18.00
Old iron axles.....	17.00 to 18.00
Old steel rails.....	13.00 to 14.00
Heavy melting steel.....	13.00 to 14.00
No. 1 cast.....	16.50 to 17.00
Stove plate.....	14.00 to 14.50
No. 1 railroad wrought.....	12.00 to 13.00
Old car wheels.....	16.00 to 17.00
Old tramcar wheels.....	16.00 to 17.00
Machine-shop turnings.....	8.00 to 8.50
Cast iron borings.....	8.00 to 8.50
Cast iron borings (chemical).....	15.50 to 16.50

### John Cannon, Vice-President and General Manager.

John Cannon, who has been general manager of the Missouri Pacific Railroad since February 4, 1925, has just been advanced to the position of vice-president and general manager of that system. Mr. Cannon's appointment, as announced by President L. W. Baldwin, was effective on September 1.

## RAILROADS

### Revenue-Freight Loading Now Greatest on Record.

A new high record in the number of cars loaded with revenue freight in one week was established for the week ended on September 4, according to reports filed by the railroads with the Car Service Division of the American Railway Association. The total for the week was 1,151,346 cars, the greatest number for any one week ever recorded. It exceeded by 15,113 cars the previous high record established in the next preceding week, when 1,136,233 cars were loaded.

The highest loading for any one week in each year since 1922, with the highest loading so far this year, follows: October 24, 1922, 999,718 cars; September 25, 1923, 1,097,493 cars; October 23, 1924, 1,113,053 cars; August 29, 1925, 1,124,438 cars; September 4, 1926, 1,151,346 cars.

This was the fifteenth week this year that loadings have been in excess of 1,000,000 cars a week, and brought the total number of cars loaded with revenue freight from January 1 to September 4 up to 35,850,857 cars, an increase of 1,153,064 cars over the corresponding period last year and 3,375,496 cars above the corresponding period in 1924. This record freight movement, however, is being handled without car shortage or other transportation difficulties.

Compared with the same week last year, the total for the week of September 4 was an increase of 48,561 cars.

Moreover, the greatest freight traffic the railroads of this country were ever called upon to move during any corresponding period on record was handled by them during the first seven months this year, according to reports just filed by the carriers with the Bureau of Railway Economics.

This freight traffic for the first seven months this year totaled 268,806,835,000 net ton-miles, which exceeded by 4,804,243,000 net ton-miles, or 1.8 per cent the best previous record for any corresponding period, which was made during the first seven months in 1923. Compared with the corresponding period last year, the volume of freight handled during the first seven months in 1926 was an increase of 18,417,766,000 net ton-miles, or 7.4 per cent. It was also an increase of 13 per cent over the corresponding period in 1924.

### Meridian and Bigbee River Railway to Begin Construction Soon.

S. A. Neville, president of the Meridian and Bigbee River Railway Company, Meridian, Miss., writes to the MANUFACTURERS RECORD concerning the plans of the company as follows:

"The Interstate Commerce Commission has given us a certificate of public convenience and necessity and authority to build the line from Meridian to Myrtlewood, Ala., a distance of 50 miles. Construction work will be started very shortly.

"The road will be built of trunk-line standards with a view of handling heavy traffic. This road, 50 miles in length, connects at Meridian with the Illinois Central Railroad, the Gulf, Mobile and Northern Railroad, the Southern Railway and the Mobile and Ohio Railroad; crosses the Alabama, Tennessee and Northern Railway at Cromwell, Ala.; the Sumter and Choctaw Railway at Choctaw City, Ala.; the Tombigbee River at Naheola, connecting with the Louisville and Nashville Railroad at Myrtlewood. It is also our purpose to connect at some point with the Frisco—the new line they are building from Aberdeen, Miss., to Kimbrough, Ala.

"This road goes through a very fertile territory, touches some of the largest gravel deposits in the state of Missis-



issippi; also goes into a territory of enormous lime deposits of Marengo county.

"The writer, who is behind this movement, built the Meridian and Memphis Railway and the Jackson and Eastern Railway, selling same to the Gulf, Mobile and Northern Railroad, and it is expected that this new line shall be constructed and begin operation early in 1923."

### Freight-Rate Order on Fertilizers Analyzed.

Washington, D. C.—The National Fertilizer Association, in the September issue of its official publication, "The Fertilizer Review," takes exception as to the accuracy of the widely heralded story of "widespread downward revision" in freight rates on fertilizer in all Southern states east of the Mississippi River, effective by order of the Interstate Commerce Commission on January 1, 1927.

The association declares that a casual perusal of the preface of the 55-page decision might lead a layman in tariff matters to believe that wholesale reductions had been ordered, but a careful study of the new rates shows that neither the fertilizer industry nor the farmers should expect general decreases in freight rates under this order.

In the state of Alabama the commission's order will cause a material advance in the rates; in South Carolina and Georgia, if the order of the Interstate Commerce Commission is observed by the state commissions, there will be advances in the single-line rates, with some reductions for the joint-line hauls. If the Interstate Commerce Commission's order is applied to rates in the states of Mississippi, Louisiana, Tennessee and Florida, it will effect advances over existing rates. The state commissions of those states have not as yet announced what their action will be respecting the order of the interstate body.

However, should the North Carolina Commission adopt the Interstate Commission's new scale, it will cause considerable reductions under existing rates in that state.

A study of the commission's decision as it affects interstate rates indicates that the rates reduced will be offset by rates that are advanced; therefore, considering the Southern territory as a whole, no advantage in interstate rates is secured by shippers or receivers of fertilizers.

### Elisha Lee Elected Vice-President of Pennsylvania Railroad.

Elisha Lee has been elected vice-president of the Pennsylvania Railroad Company, which is a new position created, and he will aid President W. W. Atterbury, participating in the general supervision of the company's activities. Mr. Lee has been vice-president in charge of operation. He has been with the company since 1892, when he was a rodman in an engineering corps. M. W. Clement has been made vice-president in charge of operation, succeeding Mr. Lee; he has been assistant vice-president in charge of operation. R. V. Massey has been appointed assistant vice-president in charge of personnel and E. W. Smith was made general manager of the Eastern Region of the Pennsylvania system, succeeding Mr. Massey. Several other official changes of lesser prominence were also made.

### Oil Traffic Compels Double Track.

Canyon, Texas, September 18—[Special.]—To expeditiously handle the enormous traffic into and out of the Panhandle oil fields, the Atchison, Topeka and Santa Fe Railway will immediately begin construction of an additional main-line track between Panhandle City and Canyon, Texas, 51 miles. Plans also call for the construction of extensive yards at Canyon.

## TEXTILE

### Boston Firm Would Purchase Southern Mill.

Stockholders of the Mollohon Manufacturing Company of Newberry, S. C., will meet on October 11 for the purpose of considering the sale of the Mollohon Cotton Mill to the Kendall Mills, Inc., of Boston, Mass., Henry P. Kendall, president. In connection with the negotiations, the Kendall Mills wire the MANUFACTURERS RECORD that if stockholders of the Mollohon Company approve the proposal recommended by their directors, they expect to take possession in October and will adapt the plant for production similar to other Kendall mills in the Carolinas.

It is stated that the Kendall Company has offered a premium of \$10 per share for the stock of the Mollohon Company and it is anticipated that the deal will be consummated. If it is, the Kendall Company, it is said, will increase the number of spindles in the plant from 40,000 to 50,000, and will also increase the capital stock of the operating company from \$750,000 to \$1,075,000.

The Kendall Mills are large manufacturers of absorbent gauze and other hospital and surgical supplies.

### Enlarging Hosiery Mill at Burlington.

The Chamber of Commerce of Burlington, N. C., H. B. Skinner, secretary, advises the MANUFACTURERS RECORD that the proposed addition to the Standard Hosiery Mill will involve the erection of a new fireproof building, 34 by 60 feet, three stories, of brick construction. Forty knitting machines, six loopers and three winders will be added to the equipment, which is designed to produce novelty patterns in half-hose. It is also planned to move the present frame structure and replace it with a fireproof brick building with tapestry brick front.

The Standard Mill, with the Perfection Mill, owned and operated by the same interests, will have an approximate output of 10,000 pairs of hose per week when improvements have been completed. In addition to the mill enlargement, the company will also build a 16-room boarding house for its employees J. T. Black, John Shoffner and Clarence Fogleman are the organizers and heads of the two mills.

### Pacific Mills to Build 45 Houses.

Writing the MANUFACTURERS RECORD from their Boston office, Lockwood, Greene & Co., Inc., engineers, who handled the design and construction of the big textile plant of the Pacific Mills at Lyman, S. C., advise that a contract has been awarded to T. C. Thompson Bros. of Charlotte, N. C., for the erection of 45 operatives' dwellings. The Lyman plant of the Pacific Mills operates 100 cards, 564 broad looms, 32,280 ring spindles, bleaching and finishing departments for the production of sheets and pillow cases.

### To Manufacture Bathing Suits.

Anderson, S. C.—The exclusive right to manufacture "Swimsafe" bathing suits has been purchased on a royalty basis by the Anderson Hosiery Mills here and the product is now being made by these mills under the name of the Swimsafe Bathing Suit Company, of which C. Gadsden Sayre is president; E. U. Shealy, vice-president, and H. C. Rhodes, superintendent. The suit is made of satine with kapok blown into the plaits. Mill equipment is now sufficient for the production of approximately 1000 suits per day.

## Good Roads and Streets

### Leon County Sells \$900,000 Road Bonds.

Tallahassee, Fla.—A bond issue of \$900,000 for the construction of roads has been sold by Leon county at 95.45 to Stewart, Halsey & Co. and Eldredge & Co., both of New York city. The legality of this issue was attacked on the ground that funds were to be applied to the construction of state roads, but the lower court upheld the legality of the bonds and its findings have been confirmed by the Supreme Court.

### Bids on Road Work in Texas County.

Barstow, Texas.—Bids will be received until September 29 by the State Highway Department, Austin, for the construction of grading, small drainage structures and caliche surfacing as unit No. 1, and for bridges of over 20-foot span as unit No. 2, on approximately 4.6 miles of road in Ward county. Proposals will be considered separately on each unit. Plans and specifications may be obtained from the office of George H. Tucker, county judge, Barstow; A. A. Ririe, division engineer, Alpine, Texas, and from the office of the State Highway Engineer, Austin.

### Contract Awarded on \$5,000,000 Bridge.

Eli T. Watson, president of the New Orleans-Pontchartrain Bridge Company, wires the MANUFACTURERS RECORD that contract for the construction of the Lake Pontchartrain bridge trestle has been awarded to the Raymond Concrete Pile Company of New York. It is understood that the proposed bridge, which will be constructed by the New Orleans-Pontchartrain Bridge Company at an estimated cost of \$5,000,000, will consist of a reinforced concrete viaduct, approximately five miles in length, to include two movable spans, located about three miles apart.

The viaduct, it is said, is to be an arched beam structure, 30 feet wide between curbs, with 35-foot spans supported on reinforced concrete pile bents. The roadway will be about 15 feet above mean Gulf level, flanked on each side with a concrete hand rail. Ford, Bacon & Davis, Inc., of New York and New Orleans are the engineers.

### Gulf Coast Highway Association Plans Work.

Panama City, Fla.—At a two-day meeting of the Gulf Coast Highway Association in this city resolutions were adopted calling upon the State Road Department to select a route for the proposed Gulf Coast highway and to inform the counties through which the road will pass as to the funds necessary for them to provide in order to inaugurate construction. The association also adopted a resolution requesting the State Road Department to adopt a policy of constructing coastal highways to a width of at least 100 feet, this resolution to apply to the Gulf Coast highway, Tamiami Trail and road No. 4 up the east coast.

Officers were elected as follows: Alfred I. du Pont, Wilmington, Del., president; William L. Wilson, Panama City, general vice-president and chairman of the board of directors; Peter O. Knight, Tampa; Minor C. Keith, New York; Barron G. Collier, Collier county, Florida; Edward Ball, Wilmington, Del.; Ira A. Hutchison, Panama City, honorary vice-presidents. An executive council was also appointed and vice-presidents from each of the counties.

The Town Council of Riviera, Fla., will receive bids until September 28 for the purchase of \$158,000 of street-improvement bonds to bear an interest rate of 6 per cent.

## MECHANICAL

### Improved Curb and Gutter Forms.

The curb and gutter forms shown in the illustration herewith are comparatively new additions to the line of forms made by the Zeiser Form Company, Endicott, N. Y., who for 18 years have been making sidewalk forms, etc. In the design of these new curb and gutter forms they have endeavored to embody all of the good features to be found in other forms as well as some new things heretofore overlooked.

"Among these," it is remarked, "is the method of locking the dividing plate and side rail together at the bottom, which



DIVIDING PLATES LIFTED WITHOUT USING HOOKS.

has been found very satisfactory and corrects a number of faults. It eliminates entirely the necessity of stakes, or if it be desired to use stakes to hold the forms to line, only one stake to each rail is necessary. It also corrects a common fault found in some other forms in that it holds the bottom of the dividing plates in the proper position longitudinally, preventing their being pushed out of position while concrete is being placed, thus insuring expansion joints which are square with the line of work.

"A slight outward pressure on the locking lever when it is desired to lift the dividing plate will also loosen same and raise it sufficiently so that it can be removed without the use of hooks. It also simplifies the matter of setting up forms for battered curbs, as by lengthening the tongue of the locking lever to correspond with the batter desired; it will automatically establish the batter when the form is assembled, and forms for battered curbs can be set up just as easily as for straight curbs.

"These same rails may be used for either curb and gutter or straight curb work; they are provided with suitable bolt holes to permit their being bolted together to make up any height desired.

"The company has also perfected a grade lock to be used in connection with their forms. It is intended to hold the rails to proper grade without the necessity of underpinning. It can be set up at any height desired and it can be applied to the sidewalk forms as well as to the curb and gutter forms."

### Contracts for Louisiana Roads.

Baton Rouge, La.—Several road projects covering a total of more than 36 miles have been awarded by the Louisiana Highway Commission at an aggregate figure exceeding \$226,000. The work will include 11.191 miles in Bienville parish, to cost \$56,976; 2.778 miles in the same parish, to cost \$21,128; three sections of 4.081, 5.167 and 4.506, respectively, in Sabine parish, to cost, respectively, \$24,207, \$41,200 and \$33,253, and another project of 9.062 miles in Bienville parish, to cost \$49,662.



# CONSTRUCTION DEPARTMENT

## EXPLANATORY

Additional information is published about all enterprises mentioned in this department as soon as such data can be obtained.

An asterisk (\*) following an item indicates that the enterprise has been reported in a preceding issue.

## DAILY BULLETIN

The Daily Bulletin is published every business day to enable its subscribers to follow up promptly the industrial, commercial, railroad, financial, building and general business development of the South and Southwest. To machinery manufacturers and dealers, contractors, engineers, and others who require daily information of every new enterprise organized and details about important additions to enterprises already established, the Daily Bulletin is invaluable. Subscription price, \$30.00 a year.

### Bridges, Culverts and Viaducts

#### Proposed Construction

Ala., Mobile—Board of Revenue and Road Comms., Albert S. Towle, Chmn., receives bids Oct. 4 for approaches on Mobile side of Mobile-Baldwin Bridge, estimated cost \$70,000.\*

Fla., New Smyrna—Volusia County Comms., Deland, plan causeway from New Smyrna to Coronado Beach.

Fla., Pensacola—Escambia County Comms., Langley Bell, Sec., appropriated \$10,000 toward 2 free bridges over Perdido and Stys River and Lillian Ferry.

Fla., Punta Gorda—Charlotte County Comms., contemplate constructing 6 bridges and rebuilding 2 bridges over Rocky Creek and 2 over Oyster Creek, north and northwest of Grove City; Buck Creek, Crooked Creek and over unnamed creek southeast and at Grove City; reconstruct bridge over Rocky Creek and Shell Creek.

Fla., Tampa—City Comn., W. Lesley Brown, Mgr., receives bids Oct. 12 for 267 ft. 11½ in. bridge over Hillsborough River at Sligh Ave., channel span, of one hand operated steel draw span, 149 ft. 11½ in. long, center to center of end pins, cylinder piers filled with concrete sub-structure, timber approaches, 22-ft. roadway in clear, 6-ft. sidewalk; plans from R. D. Martin, City Engr.

Fla., West Palm Beach—City, H. J. Daugherty, Clk., receives bids Oct. 5 for reinforced concrete bridge on Belvedere road over Stub Canal, 64,240 lbs. reinforcing steel, 1100 cu. yd. excavation; plans from T. B. Henry, City Engr.

La., Jennings—See Roads, Streets, Paving.

La., Tallulah—Louisiana Highway Comn., Baton Rouge, receives bids Oct. 5 for Bayou Vidol Bridge, Tallulah-St. Joseph Highway, Madison and Tensas Parishes, 1775 lbs. reinforcing steel; plans on file; W. B. Robert, State Highway Engr.

Md., Baltimore—State Roads Comn., 601 Garrett Bldg., receives bids Oct. 5 for steel and concrete girder bridge over Baker St., 3 spans with necessary sub and super structures; clear distance, abutment to abutment, 66 ft.; 2 steel bents at curb lines; John N. Mackall, Chmn.; L. H. Steuart, Sec.

Miss., Holly Springs—Marshall County will build 2 or more bridges. See Roads, Streets, Paving.

Miss., Port Gibson—See Roads, Streets, Paving.

Miss., Tupelo—Lee County Board of Supvs. receives bids Oct. 4 for 2 bridges: 60-ft. steel bridge across Tulip Creek on Tupelo and Plantersville Highway; 70-ft. steel bridge across Tuckalubby Creek on Tupelo and Oklahoma Highway.

Mo., Cape Girardeau—City will let contract soon for traffic bridge over Mississippi River, cost \$300,000; Charles L. Harrison, Chmn., Bridge Committee.\*

Mo., Kansas City—City plans free bridge over Missouri River. Address City Clk. See Financial News—Bond Issues Proposed.

N. C., Jacksonville—State Highway Comn., Raleigh, plans bridge over New River.

Oklahoma—State Highway Comn. will build and repair 7 bridges. See Roads, Streets, Paving.

S. C., Charleston—State Highway Comn., Columbia, plans asphalt topping causeway on either side of Ashley River Memorial Bridge; Samuel McGowan, Ch. Highway Engr.

Tex., Brenham—State Highway Comn., Hal Moseley, Chmn., Austin, plans steel and rein-

forced concrete bridge with timber pile trestle approach across Brazos River, Washington County; estimated cost \$275,000; A. C. Love, Highway Engr.; G. G. Wickline, Bridge Engr.

Tex., Houston—City, O. F. Holcombe, Mayor, and Harris County, Chester H. Bryan, County Judge, plan letting contract to complete bridge across Bray's Bayou, at Lawndale Ave.; J. C. McVea, City Engr.; Howe & Wise, Const. Engrs., 816 First Natl. Bank Bldg.; Houston.\*

Tex., Jefferson—See Roads, Streets, Paving.

Tex., Waxahachie—See Roads, Streets, Paving.

Virginia—See Roads, Streets, Paving.

#### Contracts Awarded

Fla., Clearwater—City, C. F. Mason, Mgr., let contract to Luten Bridge Co., York, Pa., at about \$10,000 for concrete arch bridge over Stevenson's Creek.

Fla., Eau Gallie—Banana River Bridge Co., J. R. Mathews, Pres., let contract to F. G. Fletcher at \$29,500 for causeway from Merritt Island across Banana River, ¾ mi. north of Eau Gallie Bridge, 1000 ft. long, 25 ft. wide, including 4-ft. walkway.

Fla., Pompano—Alfred W. Kimmel Co. awarded contract for sidewalk and paving on concrete bridge over Cypress Creek at foot of Church St. Address City Clk.

Miss., Belzoni—Humphreys County Board of Supvs. let contract to G. T. Young Bridge Co., Nashville, Tenn., at \$32,500 for bridge over Yazoo River, 14 mi. from Belzoni; J. H. Newsom, Marks, for bridge across Wasp Lake, 9 mi. from Belzoni.\*

Miss., Meridian—Lauderdale County Board of Supvs. let contract to G. B. Richardson, Meridian, for bridge over Okatibee Creek in Love's Swamp.

Missouri—See Roads, Streets, Paving.

N. C., Asheville—Buncombe County will build 2 underpasses and culverts and bridge. See Roads, Streets, Paving.

Tex., Presidio—Presidio Bridge Co., H. E. DuPey, Owners, Marfa, let contract to Alamo Construction Co., San Antonio, at about \$35,000 for International Bridge across Rio Grande River between Presidio and Ojinaga, Mexico.

### Canning and Packing Plants

Fla., Frostproof—Frostproof Packing and Canning Co., capital \$25,000, incorporated; B. B. Scarborough, West Frostproof; A. L. Durrance, Frostproof; has under construction packing, canning and citrus juice plant.

Fla., Lake Wales—Mountain Lake Corp., F. S. Ruth, Pres., will erect plant with daily capacity of 4 cars citrus fruits; 100x125 ft., fireproof, concrete floors, tile roof; install washer, polisher, sizers, grading belt, conveyor, boxing machine, etc.; cost of plant \$35,000; cost of machinery \$15,000; Parson & Wait, Archts., 1 Beacon St., Boston, Mass.

Mo., Springfield—Garfield Canning Co., capital \$10,000, incorporated; Erle M. Rush, Oren C. Deer, both Buffalo.

### Clayworking Plants

Ala., Mobile—Frank L. Sayner, Mgr. of W. B. Paterson Clay Co., First National Bank, advises that plant at Rendell will have capacity of 100,000 to 150,000 bricks per day or equivalent in tile; brick machinery supplied by J. C. Steele & Sons Co., Statesville, N. C., and power by one 240 h.p. engine connected to alternator, which will supply current for clay digging outfit, pull-in drum, conveyor and necessary fans and one

180 h.p. engine direct connected to line shaft and also to an alternator; 6 rectangular down draft kilns each with capacity of 200,000 bricks; clay digging machinery patented by Mr. Sayner; install waste heat tunnel system; low pressure fuel oil system used for brick burning; later may enlarge plant; plans and construction under supervision of Frank L. Sayner, 1751 Hunter St.\*

### Coal Mines and Coke Ovens

Ark., Spadra—The Hardin-Weathering Coal Co., capital \$14,200, incorporated; J. E. Hardin, J. H. Muldoon.

Mo., Rich Hill—Laughlin-Lloyd Coal Co., incorporated; David W. Laughlin, F. W. Lloyd.

Tenn., Clairfield—Wilson-Berger Coal Co., T. C. Berger, Laurel St. and Seventh Ave., Knoxville, reported acquired the Clairfield-Jellico Coal Co.'s holdings and property; operates under name of Virginia-Jellico Coal Co.

### Concrete and Cement Plants

Tenn., Richard City—Pennsylvania-Dixie Cement Corp., chartered in Del. to consolidate Pennsylvania Cement Co., the Dexter Portland Cement Co., Dixie Portland Cement Co. and the Clinchfield Portland Cement Corp.; syndicate headed by National City Co. and Hemphill, Noyes & Co. and associates offering \$13,000,000 first mortgage 6 per cent 15-year bonds; seven plants included, three in the South, three in Pennsylvania and one in New York, with combined productive capacity annually of 10,000,000 bbls.; properties combined involve approximately \$40,000,000. National City Co., New York City, advises: Richard Hardy, Pres., Dixie Portland Cement Co., Chattanooga, will be chairman of board of directors and Joseph A. Miller, Nazareth, Pa., will be president; George Killam, Chattanooga, Sec.-Treas. No special plans contemplated for expansion at present, as all properties are efficient units as at present constituted.

### Cotton Compress and Gins

Miss., Natchez—Delany Moss Co., capital \$20,000, incorporated; Leland Delany, Clarence Roberts.

Mo., Canolou—Canalou Gin Co., capital \$20,000, incorporated; H. G. Cathey, Director.

Tex., Edinburg—Aransas Compress Co., J. K. Cain, Pres., 301 City Nat'l Bank Bldg., Corpus Christi, reported, has 16-acre site, construct \$100,000 cotton compress.

Tex., Enochs—Enochs Gin Co., capital \$15,000, incorporated; I. C. Enochs, Roscoe Wilson.

### Cottonseed-Oil Mills

Miss., Jackson—Central Cotton Oil Co., Farish and Monument Sts., increased capital, \$35,000 to \$125,000.

Tex., Belton—Farmers Cotton Seed Products Co. reported acquired Accidental Oil Mill and mills at Bartlett and Granger.

### Drainage, Dredging and Irrigation

Ark., Bridge Junction—St. Francis Levee Dist., H. D. Tomlinson, Pres., will construct approximately 70,000 cu. yds. sub-levee; receive bids Oct. 4; H. N. Pharr, Chief Engr. (See Machinery Wanted—Levee).\*

Ark., Osceola—Commissioners of Sub-District No. 3 of Drainage District No. 9, H. W. English, let contract to Frank Vollmer & Son at \$32,800 for dredging and redigging in district, reclaiming about 3000

In writing to parties mentioned in this department it will be of advantage to all concerned if the Manufacturers Record is mentioned.

acres in Mississippi County; Morgan Engineering Co., Engrs., Goodwyn Institute Bldg., Memphis, Tenn.\*

Fla., Bradenton—Manatee Valley Drainage Dist., G. B. Knowles, First Nat'l Bank Bldg., let contract to Smith Construction Co. for construction of 72 mi. ditches, reclaiming about 21,000 acres; McElroy Engineering Co., Engrs., 32 Giddens Bldg., Tampa.

Fla., St. Augustine—See Electric Light and Power Plants.

Fla., Tampa—Interbay Drainage Dist. Supvrs., James G. Yeats, Pres., 81 S. Rome St., construct concrete mains, laterals, etc., open bids Oct. 5; McElroy Engineering Co., Engrs., 32 Giddens Bldg. (See Machinery Wanted—Drainage.)

Louisiana—State Board of Engineers, Room 213, New Orleans Court Bldg., New Orleans, let contracts to John Forbes of Marksville, La., for following: Jeansonne Point; consists of new levee across Jeansonne or Sugar Point, about 1 mile above Barbin's landing on Red River, length of line 3119 ft.; Brouillet Enlargement consists of riverside raising and enlargement of small levee, 3½ miles below Barbin's landing on Red River, length of line 1800 ft.\*

La., Alexandria—Comms. of Red River, Atchafalaya and Bayou Boeug Levee Dist., will construct levee work on Brown to Garnier levee, in Avoyelles Parish, approximate contents 125,000 cu. yds.; receive bids Oct. 15; plans with State Engrs., New Orleans Court Bldg., New Orleans, La.

La., Baton Rouge—Hampton Reynolds, Maison Blanche Bldg., New Orleans, low bidder for construction of muck canal excavation on 5.35 mi. of Lake Shore Highway.\*

Miss., Greenwood—C. A. Bissell, Chief, Engineering Div. of U. S. Bureau of Reclamation, reported, make survey of swamp and overflow lands in the Yazoo, Tallahatchie and Coldwater rivers, reclaiming approximately 1,000,000 acres land in Delta section; estimated cost \$250,000.

Tex., Sabine—Maj. Julian L. Schley, U. S. Dist. Engineer, Galveston, receives bids Oct. 1 for construction of Sabine jetty, contract to extend over period of three years.\*

### Electric Light and Power

Large sums are being expended for electric light and power work in connection with Land Development operations. Details will be found under that classification.

Ala., Carrollton—Alabama Power Co., Birmingham, reported acquired electric light plant of W. L. Murray; will probably construct power line.

Ala., Collinsville—Alabama Public Service Comm., Montgomery, approved sale of electric utility properties of Walter T. Weaver to Fort Payne Utilities Co., Fort Payne.

Ala., Hartford—City votes Sept. 20 on sale of electric light plant to Alabama Power Co., Birmingham, Ala.

Fla., Palmetto—City voted \$30,000 electric light bonds. Address The Mayor.\*

Fla., Miami—Florida Power & Light Co., 31 Civic Bldg., reported installing electric service in White City.

Fla., Miami Beach—City let contract for second unit of white way to Central Station Equipment Co., 114 Liberty St., New York.

Fla., Monticello—City granted 25 year franchise to J. B. Whitworth, Perry, for erection and operation of electric light and power plant.

Fla., St. Augustine—Florida Power & Light Co., 31 Civic Bldg., Miami, reported let contract to Olsen & Son Dredging Co. for preliminary dredging in connection with bulwarking of San Sebastian waterfront project.

Ga., Atlanta—Georgia Power Co., reported being formed as an owning and operating company for all public utilities recently acquired in Georgia by Southeastern Power & Light Co., 120 Broadway, New York City; will issue 2,000,000 shares or capital stock with no par value; properties to be taken over will include Georgia Utilities Co., Georgia Southern Power Co., Milledgeville Lighting Co., East Georgia Power Co., Athens Railway and Electric Co., Athens Gas, Light & Fuel Co.; later will acquire Georgia Railway and Power Co. and Georgia Railway & Electric Co. and Macon group of properties.

Ga., Atlanta—See Roads, Streets, Paving.

Ga., Cohutta—Georgia Railway & Power

Co., Atlanta, reported to acquire Cohutta Light and Power Co.'s plant.

Ga., Cordele—Crisp County reported to vote in Nov. on \$1,250,000 bonds for hydro-electric dam on Flint River; John W. Greer, Douglas, interested.

Ga., Dawson—South Georgia Power Co., Albany, reported to construct power lines in Cuthbert, Shellman, Dawson and Sasser to Albany.\*

La., Elton—Louisiana Electric Co., Inc., Lake Charles, advises have acquired electric and ice plant, will take over about Oct. 1; no improvements at this time contemplated; probably build transmission line Elton to Jennings, distance of 20 miles.

Md., Salisbury—George M. Maddox of Managing Dept., E. F. English, Ch. Engr. of General Engineering and Management Corp., 141 Broadway, New York City, and F. N. Lawton, Gen. Mgr., Eastern Shore Gas & Electric Co., reported to locate power and light plant either at Salisbury or Seaford, Del.

Mississippi—Mississippi Central Power Corp., recently chartered in Maryland with capital of 1,000,000 shares, previously reported to have a par value of \$100 a share, is not to be a holding company nor is the par value of the shares \$100. The shares of stock are to be issued as shares without par value. The company is not to take the place of any present subsidiary or associated company of Electric Power & Light Corp. operating in Mississippi, Arkansas or Louisiana; as has been reported; the company may, however, acquire and own property in Mississippi, although it is understood that its operations will not be extensive. The company was organized under the supervision of Electric Bond & Share Co., 71 Broadway, New York.

Miss., Morton—Mississippi Power & Light Co., Jackson, will install lighting system.

Miss., Starkville—Mississippi Power Co., George McIngvale, Local Mgr., reported to rehabilitate electric distribution system; install new equipment.

Mo., Springfield—Commercial Club, Julius Seifert, Pres., 211½ E. Commercial St., reported interested in installing white-way system for Commercial St.

N. C., Wilmington—Tide Water Power Co. will issue \$3,750,000 first lien and refunding mortgage gold bonds, proceeds will be used for expenditure already made and to be made; company furnishes light and power in Wilmington and vicinity and through its subsidiary will serve territory in Florida from St. Petersburg to Georgia state line; construction now under way in Florida involves expenditure of \$6,000,000, including construction 25,000 kw. steam-generating station, installation of 1600 kw. hydro-turbine, construction of about 70 mi. of 110,000 volt steel tower transmission line and about 200 mi. of additional high-tension wood pole transmission lines.

Okla., Boise City—See Water Works.

Okla., Oklahoma City—R. J. Rhinehart reported to construct dam and hydro-electric plant of 40,000 h.p. capacity near Broken Bow; Fargo Engineering Co., Jackson, Mich., wires: "No construction contemplated near Broken Bow for some time yet, depending upon further stream flow; R. J. Rhinehart, Texarkana, Tex., is promoter."

S. C., Kingstree—N. M. Seabreeze & Co., Packard Bldg., Philadelphia, Pa., reported acquired controlling interest of South Carolina Power & Light Co., serving towns of Kingstree, Manning, Lake City, Andrews, Greeleyville, Lanes, Heineman, Scranton and Coward; C. S. Young, Electrical Engr., Philadelphia, making survey to increase facilities.

Texas—Central Power & Light Co., Frost Bldg., San Antonio, reported to construct 100 miles power transmission line, Nordheim to Kenedy, Eagle Lake to Columbus, Gonzales to Luling; cost \$150,000; install Diesel engine at power plant at Del Rio; cost \$18,000; L. E. Myers Co., Kenedy, reported has contract.

Tex., Breckenridge—Oil Cities Electric Co., reported has contract for installation of first unit of white way; B. S. Walker, Mayor.

Tex., Brownsville—See Water Works.

Tex., McAllen—Valley Ice & Electric Co., Brownsville, reported to construct electric substation.

Tex., Wellington—Central Power & Light Co., Frost Nat'l Bank Bldg., San Antonio, advises that city voted to sell light and power plant to company, probably take over plant about Oct. 1; no plans for any improvements or additions to present generating plant; in future will probably construct transmission line from line running from Childress to Clarendon; will make survey of power re-

quirements of company's plants in Wellington territory to determine route.

Va., Accomac—Franklin City Light Co. incorporated; R. J. Trader, Stockton, Md.; Ernest Ruediger, Accomac.

Va., Norfolk—Virginia Electric & Power Co., Richmond, reported to expend \$5,000,000 on addition to electric power generating system; double capacity of Reeves Ave. power plant in Brambleton, install 40,000 h. p. turbo generator with necessary boilers, buildings and auxiliaries; erect 2 radial brick stacks, 230 ft., increase plant capacity to 100,000 h. p. and tie it in with company's system in Virginia and North Carolina.

W. Va., Weston—West Penn Utilities reported acquired plant of Weston Light, Power and Water Co.

### Fertilizer Plants

Ala., Dothan—Virginia-Carolina Chemical Co., 11 S. 12th St., Richmond, Va., reported to rebuild burned portions of plant; cost about \$25,000; J. H. Brothers, Constructing Engr., Richmond.

### Flour, Feed and Meal Mills

Mo., Springfield—McDaniel-Lamar Grain & Elevator Co., capital \$50,000, incorporated; A. Rathbone, Director, Union National Bank.

Tex., Port Arthur—Home Grain Co., incorporated; J. T. Usel, 020 Eighth St.

### Foundry and Machine Plants

Ala., North Birmingham Station, Birmingham—Castings—Alabama Foundry Co. reported acquired holdings of the Davis Pipe & Fittings Co.; erect structure at 35th Ave. and 34th St. for major plant; expend approximately \$1,000,000.\*

Fla., Tampa—Tampa Marine Co., C. J. Hyer, Pres., acquired shops and business of Tampa Dock Co., will continue in ship repairing, structural and fabricating steel and general machine work.

Fla., Tampa—F. P. Lyons Iron Works, Inc., of Manchester, N. H., capital \$50,000, F. P. Lyons, Pres.; C. M. Phillips, Sec., reported erect steel fabricating plant on Fifth Ave. near Twenty-eighth St., 2-story steel building, cost about \$15,000; contemplates handling about 300 tons steel monthly.

Mo., Springfield—Holsting Machinery—McDaniel-Lamar Grain & Elevator Co., capital \$50,000, incorporated; H. B. McDaniel, 597 St. Louis St.

Tenn., Chattanooga—Price-Evans Foundry Co., capital \$240,000, incorporated; W. B. Schoolfield, 703 Albany St.

Tex., Houston—The Gray Tool Co., Wm. K. Hughes, Pres., 6102 Harrisburg Blvd., increased capital, \$25,000 to \$50,000.

### Gas and Oil Enterprises

Fla., Tampa—Standard Oil Co., Hillsboro and Lazzaro Sts., reported to construct \$35,000 brick and concrete office, garage, warehouse, pump house and storage tanks, to be known as East Tampa station; warehouse 24x70 ft.; 12 steel tanks; Flagler & Watson, Contrs., 1110½ Grand Central Ave.

La., Monroe—Mer Rouge Gas Co., Inc., chartered; Travis Oliver, 2002 Riverfront St.

La., Natchitoches—Natchitoches Gas Co., Inc., capital \$155,000, incorporated; C. A. Tooke, Arcadia; G. H. Plerson, Natchitoches; own and operate gas pipe line from point in Red River Parish to town of Natchitoches.

Mo., St. Louis—United Oil Co. incorporated; James W. McFarland, 1120 N. Kingshighway.

Okla., Ada—MacThwaite Gas Co., American Bldg., is improving and enlarging gas distributing system.

Okla., Muskogee—Pontotoc Petroleum Co. increased capital, \$50,000 to \$100,000.

Okla., Ponca City—Empire Gas and Fuel Co. reported to construct bone burner at refinery; cost \$65,000.

Okla., Seminole—Carter Oil Co., Mayo Bldg., Tulsa, let contract to Graver Corp., 4809 Todd Ave., East Chicago, Ind., for water treating equipment, including 3 Zeolite softeners, 8 ft. in diam. and 14 ft. long, 3 filters, 8 ft. in diam. and 16 ft. long, and lime pretreated equipment.

Tex., Amarillo—Prairie Oil and Gas Co. reported acquired one-half interest of Shamrock Petroleum Co.

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Tex., Amarillo—Dixon Creek Oil Co. reported to construct eastern tank of 1,000,000 bbls. capacity, lined with reinforced waterproof cement.

Tex., Beaumont—Plummer Oil Co., capital \$60,000, incorporated; H. F. Walker, 3001 Magnolia St.

Texas—Bell Oil and Gas Co., Kennedy Bldg., Tulsa, Okla., reported to construct 50 car loading rack at Isom and lay 8-in. pipe.

Tex., Amarillo—Texas Union Oil Corp., capital \$10,000, incorporated; Hugh L. Umphres, C. G. Clayton.

Tex., Brenham—Thomas H. Pratt and H. Fowler of Houston, representing Pratt-Hewitt Oil Co., reported to construct pipe line from Brenham oil field to city, estimated cost \$10,000 per mile.

Tex., Fort Worth—Hendrick Ranch Royalties, incorporated; G. S. Anderson, Worth Bldg.

Tex., Fort Worth—Schimmel Production Corp., capital \$485,000, incorporated; V. G. Schimmel, 3116 Odessa St.

Tex., Mexia—Transcontinental Oil Co., Tulsa, Okla., reported to construct \$200,000 casinghead gas plant in Nigger Creek oil field; built on unit system to include 3 units initial construction.

W. Va., Clarksburg—South Penn Oil Co., H. L. Bliss, Wolf Summit, reported to construct gasoline manufacturing plant near Copley.

### Ice and Cold-Storage Plants

Ark., Gravette—Kelley & Leonard of Springfield, Mo., contemplate establishment of ice and cold storage plant.

Ark., Warren—R. F. Baker reported plans erecting 20 ton capacity ice plant.

Ga., Glennville—Glennville Manufacturing Co., J. C. Beasley, Mgr., contemplates installing 20 ton oil engine outfit, manufacture ice. (See Machinery Wanted—Refrigeration Equipment.)

Ky., Morehead—Morehead Ice & Bottling Co., capital \$15,000, incorporated; C. B. Daugherty, E. B. Thompson.

La., Independence—Independence Ice Manufacturing Co., capital \$25,000, incorporated; J. R. Paxton, I. H. Hoover.

Md., Baltimore—American Ice Co., Calvert Bldg., acquired site cor. Cross St. and Creek Alley, 108x132 ft.; contemplates building ice distributing station.

Mo., Springfield—H. I. Devore, 635, N. Main St., \$25,000 wholesale fruit and cold storage building. (See Building News—Building Contracts Awarded—Warehouses).

Tenn., Paris—Henry County Ice Co., capital \$50,000, incorporated; C. E. Hastings, W. E. Gatlin.

Tex., Bay City—Texas Central Power Co., Frost Bldg., San Antonio, plans building ice plant, 1-story, 89x50 ft., brick and concrete; John M. Marriott, Archt., Frost Bldg., San Antonio.

Tex., McAllen—Valley Electric & Ice Co., Brownsville, construct 75-ton capacity ice plant; brick, steel and reinforced concrete; estimated cost \$200,000.

Tex., Wilmer—City Ice Co., capital \$20,000, incorporated; B. B. Beasley, D. N. Winiford.

### Land Development

Ala., Anniston—Club View Heights, Inc., E. W. Ledbetter, will develop 20 acre subdivision; construct streets.

Ala., Athens—Lon Whitworth acquired 1230 acres in Limestone county.

Ala., Manchester—Virgil Dodd and P. O. Goodwin of Carbon Hill, reported, acquired town of Manchester, 130 acres.

Ark., Little Rock—M. E. McCrory & Co., capital \$50,000, incorporated; W. F. McCrory, 409 W. Third St.

Ark., Little Rock—Shrine Country Club, Gordon N. Peay, Chmn., let contract to Langford & Moreau, 2405 Grace St., Chicago, Ill., Golf Archts., for construction of 18 hole golf course on Pine Lake.

Fla., DeLand—A. D. H. Fossey, 21 N. E. 36th St., and associates of Miami acquired 18,000 acres farming land; develop in 40 acre farms, construct roads.

Fla., Fort Lauderdale—Chateau Park Corp., J. Harrison McCready, Pres., will develop Chateau Park.

Fla., Orlando—R. T. Peddicord and associates acquired and will develop 1020 acres, construct 27 hole golf course, 25 mile bridge path, polo field, yacht club.

Ga., Brunswick—Glynn County votes Nov.

30 on bonds for park on St. Simons Island; Malcolm B. McKinnon, Chmn. Commrs.

Ga., Brunswick—Jekyl Island Club will have plans prepared by Walter Travis for constructing \$100,000 golf course on Jekyl Island.

Ga., Brunswick—Coastal Investment Co., capital \$10,000, incorporated; S. K. Brown, D. W. Krauss.

Ga., Columbus—Park Place Realty & Improvement Co., 1344 Third Ave., will develop Wynnton subdivision; install water, sewer, roads and streets, electric lights; Dan Dull, Archt.-Contr., Wynnton Circle.

Ga., Macon—John T. Moore Development Co., capital \$10,000, incorporated; C. O. Carpenter, Fourth National Bank; develop subdivision on Houston Rd.

Ky., Louisville—Dott-Cummins & McWhorter incorporated; Louis Isaacs, Third and Market Sts.

La., New Orleans—Bay-Waveland Gulf and Country Club, capital \$100,000, incorporated; E. Willie, C. G. Moore.

La., New Orleans—Grant Realty Co., Inc., capital \$100,000, chartered; Martin H. Manion, Marine Bank Bldg.

Md., Baltimore—Beverly Realty Co., 3808 Arabia Ave., incorporated; Charles C. Kraus.

Md., Baltimore—Brandon Shores, Inc., incorporated; Holman Willis, Mountain Trust Bldg., Roanoke; develop 329 acres on Patapsco River into water front colony; install \$100,000 streets, water, electric systems, bathhouses and golf course.

Md., Baltimore—Charles Blackburn Sims, Inc., Lexington Bldg., incorporated; Charles Blackburn Sims.

Md., Frederick—Realty Development Co., capital \$100,000, incorporated; Francis H. Urner, E. Austin James.

Miss., Jackson—See Sewer Construction.

Mo., Fulton—Old Trails Farm and Live Stock Corp., capital \$300,000, incorporated; B. M. Woodward, Chicago, Ill.; Frank Kopejtko, St. Louis.

Mo., Kansas City—Williams & Harvey Nurseries Co., 4818 Oak St., acquired 13½ acres on Sixty-seventh St.; will develop.

Mo., Kansas City—Joyce Real Estate Co., capital \$35,000, incorporated; Grover Joyce, 1017 Land Bank Bldg.

Mo., St. Louis—Somerset Park Realty Co., capital \$15,000, incorporated; M. Kinney, Calumet Bldg.

Mo., St. Louis—Cintra Real Estate and Investment Co. increased capital, \$10,000 to \$16,000.

Mo., St. Louis—Northern Real Estate Co., incorporated; A. C. Ganahl, F. Fritsch.

Mo., St. Louis—Oaks Realty Co., incorporated; L. L. Livingston, 802 Chestnut St.

Mo., St. Louis—Mullen Investment Co. incorporated; Myrtle M. Sherman, Wallace P. Mullen.

Mo., St. Louis—United Development Co. increased capital, \$25,000 to \$50,000.

Mo., St. Louis—Plaza Real Estate and Investment Co. incorporated; Ben G. Brinkman, Rolyn and Denny Rd.

Mo., St. Louis—Aetna Investment Co., capital \$25,000, incorporated; Chas. N. Peck, 6023 McPherson St.

Mo., St. Louis—John Meier Estate, Inc., chartered; John Meier, 1919 S. Grand Ave.

N. C., Aberdeen—Carolina Fruit Co., capital \$10,000, incorporated; M. M. Johnson, H. A. Gunter.

N. C., Asheville—Rossercragg-Minor, Inc., capital \$100,000, chartered; C. G. Lee, Jackson Bldg.

N. C., High Rock—D. C. McRae, Max Rones and A. G. Kinney, all of High Point, organized company; develop 160 acre subdivision.

N. C., Laurinburg—O. T. Wallace, 1508 Market St., Wilmington, will develop 13 acres on East Church St.

N. C., Southern Pines—Southland Holding Co., capital \$150,000, incorporated; J. Talbot Johnson, M. M. Johnson, both Aberdeen.

N. C., Waynesville—Waynesville Country Club, capital \$100,000, incorporated; O. T. Alexander, F. O. Dunham.

S. C., Charleston—Wappoo Realty Co., care of C. S. Dwight, 26 Broad St., will develop Crescent, construct street, lay water mains, and extend electric service, individual sewage disposal plants; Olmsted Brothers, Landscape Archts., Brookline, Mass.

S. C., Greenville—Caroland Investment Corp., incorporated; W. D. Workman, Woodside Bldg.

Tex., Beaumont—W. A. Garrabrant Co.

incorporated; W. A. Garrabrant, 830 Irma St.; develop subdivision.

Tex., Fort Worth—Tandyland Co., capital \$50,000, incorporated; Lewis H. Tandy, W. T. Waggoner Bldg.

Tex., Houston—Elnar H. Stubee Co., Inc., capital \$35,000, incorporated; E. H. Stubee, 4510 Main St.

Tex., Houston—City. Clarence I. Brock, Park Supt., is developing Herman Park; will extend lake from area of 6 acres to 13 acres.

Tex., LaFeria—T. B. Sibson and associates will develop approximately 640 acres for town-site; H. E. Bennett, Constr. Engr., Box 202, Mercedes.

Tex., Rio Grande City—E. H. Banta, San Antonio, and associates reported acquired 2700 acres; will irrigate and plant in grapes.

Tex., San Antonio—H. H. Ochs, 115 Eads St., Mrs. C. W. Satterfield, 366 Hicks St., reported interested in development of park on south side.

Tex., San Antonio—Standard Realty Co., capital \$125,000, incorporated; Julius Seligmann, Gunter Hotel.

Tex., Yoakum—Phillip Welhausen and M. C. Driscoll, Yoakum, are developing 7500 acres near Green Lake for farming; roads and drainage ditches in course of construction.

Tex., Waxahachie—Hillcrest Burial Park Co., E. E. Widner, Sec., has 40 acres; is developing 6 acres for burial park; grading driveways and graveling.

Tex., Weslaco—Boca Chica Beach, Inc., capital \$35,000, incorporated; Ewing Clark, Joe Dancy.

Va., Lexington—Monroe Park, Inc., capital \$50,000, chartered; L. W. Farrier, Clifton Forge; Ben P. Ainsworth, Lexington.

Va., Richmond—Country Club of Virginia, 3061 St. Andrews Ln., is constructing golf course at Lorraine, on River Rd.; Fred Finlay, Golf Archt.

Va., Richmond—Wortham Realty Corp. incorporated; Wm. G. Maupin, Richard W. Ruffin.

### Lumber Enterprises

Ky., Frankfort—Leland Banning reported will rebuild burned sawmill; W. R. Rosson, local Mgr.; A. E. Hart, Gen. Mgr., Cincinnati, Ohio.

La., Monroe—Coats Lumber Co. incorporated; O. C. Coats, 415 Cypress St., West Monroe.

### Metal-Working Plants

Tenn., Chattanooga—National Metal Products Co., C. D. Martin, Pres., Twelfth and Carter Sts., erecting two new factory buildings at Twenty-fifth and Carter Sts.; one 100x100 ft. and one 65x100 ft.; will use present plant for warehouse purposes.

### Mining

Okla., Miami—Lawyers Mining Co. will erect new plant on its De Arman lease; equipment ordered.

Tenn., Maryville—Tennessee Slate Products Co., Jas. L. Cawthon, Sec., has 630 acres to be developed; will install equipment for 300-ton daily capacity plant; production will include cement brick, 50,000 daily; invite quotations on equipment. (See Machinery Wanted—Slate Quarry Equipment; Motors; Air Compressors; Fans (Power); Aerial Cableway; Cars (Tram.))

### Miscellaneous Construction

Ala., Birmingham—Incinerators—City Comm. receiving bids for construction of three incinerator plants; A. J. Hawkins, City Engr.

Fla., Fort Lauderdale—Harbor—City Comm. authorized survey of proposed 10-ft. channel from New River Inlet to Bay Mabel; survey will form basis for dredging channel; work under direction Roy F. Goodman, City Engr.

Fla., Miami Beach—Tanks, etc.—Belcher Asphalt Paving Co., 1217 N. Bayshore Drive, let contract to G. O. Reed Construction Co., Miami, for foundations of the \$57,000 group of three tanks on Fishers Island; later plans additional development.

Fla., West Palm Beach—Dock—Building Committee of Palm Beach Yacht Club, Ninth St., let contract to Eastman Construction Co. for rebuilding and repairing docks; estimated cost, \$12,000; work to start immediately.

Fla., West Palm Beach—Dock, etc.—Inlet Comm. let contract to Tampa Sand & Shell Co., Scott and Lozano Sts., Tampa, for construction of landing docks, slips and other necessary facilities to permit docking of

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large passenger and freight vessels; estimated cost \$420,000; Gen. George W. Goethals in charge.\*

Ky., Paducah—Incinerator Stack—City, J. N. Bailey, Mayor, let contract to Brown Welding & Sheet Metal Works, 118 Broadway, for construction of 60-ft. steel stack on municipal incinerator building.

La., Lafayette—Dam—J. C. Nickerson will construct dam on upper end of Bayou St. Claire in Lafayette Parish to provide fishing lake and fish hatchery.\*

La., New Orleans—Dock Board let following contracts: To Lukens Steel Co., Poland and Rocheblave Sts., to supply, fabricate, place and paint steel work for new coffee terminal sheds which will replace those destroyed by fire; cost about \$105,300; to Rochester Bridge Co. at \$12,425 for steel to enable increasing depth of Mandeville St. dock shed, to B. N. Davis, 1006 Tchoupilas St., for unloading and placing of same, also for construction of Charbonnet St. dock extension for \$20,750.\*

Tenn., Memphis—Subway—City, Rowlett Paine, Mayor, contemplates constructing \$225,000 subway.

Tex., Beaumont—Swimming Pool—City plans construction \$100,000 swimming pool in municipal parks. See Financial News—Bond Issues Proposed.

Tex., Fort Worth—Fort Worth Storage and Warehouse Co. increased capital, \$75,000 to \$114,000.

Tex., Harlingen—Incinerator—City has \$5000 available for construction of incinerator; D. W. Schubach, City Sec. See Financial News—Bond Issues Proposed.\*

Tex., Houston—Lake—Clarence Brock, Park Supt., interested in constructing artificial six-acre lake, build dam in bayou near to flood basin; Hare & Hare, City Planners.

Tex., Galveston—Pier—See Miscellaneous Enterprises.

Va., Virginia Beach—Boardwalk—G. Hubert Massey, Consol. Engr., Dickinson Bldg., Norfolk, making estimates on proposed ocean front boardwalk; D. B. Ryland, Sec., Walkway Committee.\*

### Miscellaneous Enterprises

Ala., Anniston—Adair Transfer Co., incorporated; J. N. Adair, J. W. Adair.

Ark., Blytheville—Blytheville Steam Laundry, A. B. Fairfield, Pres., let contract to W. B. Beeman for 35x100-ft. addition, brick and reinforced concrete, Carey roof, concrete floors, install \$12,000 dry cleaning plant equipment. (See Machinery Wanted—Dry Cleaning Plant.)\*

Ark., Texarkana—The Texarkana Outdoor Advertising Co., capital \$20,000, incorporated; W. L. Wood, Jr., Pres.; Willard Taft, Sec.

Ark., Texarkana—John Offenhauser interested in establishing pecan shelling plant.

D. C., Washington—Hotel Pennsylvania Co., capital \$100,000, incorporated; Houston R. Harper, C. C. Harper.

Florida—Southern Immigration and Industrial Assn., 309 S. LaSalle St., Chicago, Ill., advises: We are negotiating to build three paper factories and feed mills to manufacture paper and feed products according to our process, U. S. patent No. 1,534,236; erect one factory somewhere in central corn belt; factory No. 2, in southern Mississippi or Louisiana, and factory No. 3, in Florida or Alabama; principal raw material will be cornstalks; manufacture paper and by-product from all kinds of existing hydrophyte, both cultivated and wild.

Fla., Avon Park—Merger of the Mandis and Marsh dairies, with Demos Mandis, Pres., plans improvements, erect silo and new barns, install automatic milking equipment, sterilizers, washers, fillers, separators, etc.

Fla., Clermont—The Clermont Abstract Co. reorganized; increased capital to \$15,000; changed name to Clermont Abstract and Title Co.

Fla., Lakeland—Highland Dairy Co., Inc., J. L. Davis, Pres., organized by consolidation of Highland Dairy Co. and Poinsettia Ice Cream Co.; contemplates building \$100,000 ice cream plant, installing most modern equipment.

Fla., Orlando—Pleasant View Poultry Farm, Fannie E. Davis, Owner, plans installing 16,000-egg incubator.

Ga., Atlanta—Swift & Co., E. B. Adams, local Mgr., Grant Bldg., reported, plans erecting \$150,000 plant cor. Peters and Fair St.; 2 story, 80x157 ft., completely equipped with every modern facility for packing house; double capacity.

Ga., Atlanta—C. D. Crockett & Co., Bona

Allen Bldg., has contract for construction of branch plant for the Cudahy Packing Co., American Natl. Bank Bldg.

Ga., Atlanta—American Bakeries Co., Healey Bldg., reported, increased capital, \$600,000 to \$1,000,000.

Ga., Augusta—Richmond Construction Co., Inc., capital \$15,000, chartered; W. W. Simmons, Lamar Bldg.

Ga., Brunswick—A. M. Hardy and C. D. Henderson of Augusta acquired Brunswick laundry of Geo. L. Griffin; will operate.

Ga., Darien—Sea Island Cannery, Inc., Alfred Jones, Pres., acquired oyster cannery from Georgia Cannery Corp.; being remodeled

Ga., Savannah—Food Vending Machines—Dinette Corp. of America, capital \$50,000, incorporated; O. S. Durland, Savannah; John H. Posner, Atlanta.

Ga., Savannah—Black Produce and Candy Co., incorporated; Girard M. Cohen, Oglethorpe Bldg.

Ga., Savannah—Peters Bottling Co., E. B. Peters, Mgr., 209 Bay St., leased building at 116-18 Bay St.; will remodel; Olaf Otto, Contr.

Ky., Carlisle—Carlisle Mill & Supply Co., capital \$24,000, incorporated; J. T. Bowser, W. R. Knight.

Ky., Lexington—Orleton Farm Products incorporated; W. Marvin McCullough, Russel Cave Park.

Ky., Louisville—Can Openers—Whitey-Jarvis Co., capital \$10,000, incorporated; Bushrod W. Taylor, 2200 Longest St.

Ky., Mayfield—Golden Key Milk Products Co., T. E. Montague, Pres., reported acquired 6 acre site, erect milk condensing plant.

La., Baton Rouge—The Capital Bedding Co., J. R. Grand, Propr., 2520 N. Boulevard, plans installing additional equipment.

La., Crowley—Transfer of holdings of the United Irrigation and Rice Milling Co. to the Acadia-Vermillion Rice Irrigating Co., Inc., controlled by A. Kaplan of Crowley and Henry Beer of New Orleans, recorded; property includes three pumping plants in the Vermillion canal, watering about 22,000 acres, with 12 mi. main and lateral canals, and another system of 100 mi. main and laterals, watering about 7000 acres in Estherwood County.

La., Lake Charles—Lake Charles Building Material Co., Inc., capital \$25,000, chartered; E. A. Fletcher, A. L. Calhoun.

La., Minden—Union Transit and Amusement Co., Inc., capital \$15,000, chartered; O. S. Strickland, Gus Baker.

La., Monroe—International Paper Co., 100 E. Forty-second St., New York City, reported, acquired 110,000 acres pine growth in Louisiana for its subsidiary, the Bastrop Pulp and Paper Co.; will complete improvements to double present capacity by Nov. 1.

La., New Orleans—Card Indexes—H. C. Parker, Inc., capital \$20,000, chartered; Herbert C. Parker, Pres., 48 Audubon Blvd.

La., New Orleans—Standard Engraving Co., J. P. Armstrong, Sec., 4816 Carondelet St., changed name from Downs Engraving Co.\*

La., New Orleans—Industrial Sites Co., Inc., capital \$335,000, chartered; David Kling, 344 Carondelet St.

La., New Orleans—Hartwell Lighting Fixture Co., Inc., capital \$20,000, chartered; Carl C. Hartwell, Sec., 920 Common St.

La., Shreveport—H. Cleveland, 1640 Templeman St., has permit for construction of \$21,000 plant for the Model Cleaners and Dyers at Sixth and Marshall St.; Edward A. George, Archt., 1146 Kings Highway.

La., Shreveport—Meat Packers—Shreveport Packing Co., Inc., 725 Texas St., will erect \$65,000 plant, 92x128 ft., reinforced concrete and brick, concrete floors, concrete roof; open bids in about 2 weeks; address R. Noeth, Box 1050; install complete machinery; killing equipment furnished by Cincinnati Butchers Supply Co., 1972 Central St., Cincinnati; lard and rendering equipment furnished by Albright-Nell Co., 5315 Western Ave. Blvd., Chicago, Ill., and refrigerating equipment by Frick & Co., Waynesboro, Pa.\*

Md., Baltimore—Disinfectants, etc.—Alpha Chemical Co., Inc., 205 Emerson Tower Bldg., increased capital, \$50,000 to \$200,000.

Md., Baltimore—The Sellmayer Packing Co., Third and Fleet St., capital \$50,000, incorporated; George and Edward Sellmayer.

Md., Baltimore—The Consolidated Plano Co., 100 N. Charles St., incorporated; Mildred G. Fromm, Myron S. Cotton.

Md., Baltimore—Ward Baking Co., 367

Southern Blvd., New York City, reported, have revised and completed plans for erection of new plant, 3 story and basement, brick and concrete structure, 151x200 ft.; estimated cost between \$300,000 and \$400,000; G. B. Comstock, Archt., 110 W. Fortieth St., New York City.

Md., Baltimore—Ice Cream Cones—A. Rice, 2310 Fleet St., has permit to establish plant to manufacture ice cream cones.

Md., Cumberland—Maryland Glass Co. rebuilding damaged portion of plant.\*

Md., Cumberland—David E. Dick, reported, establish and edit newspaper to be known as Maryland Free Lance.

Md., Frederick—Contractors—The Ideal Concrete Stone Co., capital \$100,000, incorporated; Paul B. Koons, Geo. R. Cummings.

Miss., Yazoo City—W. B. McCormick, T. J. Folse and associates interested in establishment of cheese factory.

Mo., Boonville—P. T. Grimes of Bloomfield, Iowa, reported purchased the Boonville Daily Central Missourian.

Mo., Poplar Bluff—Orange Crush Bottling Co., capital \$20,000, incorporated; J. G. Harris, J. M. Mott.

Mo., St. Louis—Embro Seed Co., capital \$30,000, incorporated; Edw. F. Mangelsdorf, 110 Victor St.

Mo., St. Louis—Mercantile—Dilig-Schuessler Co., capital \$75,000, incorporated; Harry Schuessler, 1938 E. Warne St.

Mo., St. Louis—Film Exchange, etc.—E. J. Martt, 304 N. Theresa St., let contract to Huger Becker Construction Co., Wainwright Bldg., for 2-story and basement poster service and film exchange building, 25x132-ft., brick; estimated cost \$35,000.

Mo., St. Louis—Gardner Radio and Electric Corp., increased capital, \$5000 to \$10,000.

Mo., St. Louis—Delmar Glass & Mirror Co., 118 Market St., increased capital, \$5000 to \$19,000.

Mo., St. Louis—Rice-O'Neill Shoe Co., 1113 S. 12th St., increased capital, \$100,000 to \$200,000.

N. C., Asheboro—Randolph Creamery, Inc., J. S. Lewis, Sec., reported contemplates building creamery plant.

N. C., Charlotte—Charlotte Insurance & Investment Co., capital \$50,000, incorporated; W. M. Gordon, W. B. Brown.

N. C., Fayetteville—Electrical Machinery—Coniffee Clement Supply Co., capital \$25,000, incorporated; J. F. Coniffee, C. L. Clement.

N. C., Winston-Salem—Peoples Warehouse Co., Inc., capital \$150,000; N. L. Cranford, Buena Vista St.

Okla., Muskogee—D. H. Bowlin, 317 S. Seventh St., acquired the Whistle Bottling Co., 207 E. Broadway; will expand.

S. C., Greenville—Merchandise—Massey-Nicholson Co., incorporated; S. A. Massey, Augusta St.

Tenn., Chattanooga—Purse Printing Co., 10th St., let contract to Rogers & Leventhal, Pound Bldg., for building cor. Fifth and Chestnut St.; 1 story, 100x140 ft., mill type construction; estimated cost \$60,000; J. E. Sirrine & Co., Engrs., Tennessee Power Bldg.\*

Tenn., Chattanooga—Interstate Life & Accident Co., Volunteer Life Bldg., increased capital, \$150,000 to \$300,000; recently merged with Southern Life Insurance Co.\*

Tenn., Kingsport—Blue Ridge Glass Corp., Alex. D. Flack, Pres.; Dr. F. F. Shetterly, Mgr., reported, acquired branch factory of the Corning Glass Works of Corning, N. Y.; will recondition and operate.

Tenn., Knoxville—Tennessee Armature & Motor Works, capital \$15,000, incorporated; Wm. Gardner Hoffman, 717 N. Fourth Ave.

Tenn., Nashville—The Dixie Dairy & Poultry Journal, G. G. Sanderson, Mgr., reported acquired the Southern Poultry Journal; will move equipment to Nashville.

Tenn., Nashville—J. M. Seymour, 100 Monroe St., reported acquired site cor. Eighth and Prexel Place; plans erecting \$75,000 ice cream manufacturing plant.

Tenn., Paris—Henry County Ice Cream Co., capital \$50,000, incorporated; C. E. Haddings, W. E. Gatlin.

Tenn., Union City—Serum Plant—A. H. Adams and Dr. H. H. Carter interested in proposed erection of \$200,000 anti-hog cholera serum plant.

Tex., Abilene—Hardware—Ed. S. Hughes Co. increased capital, \$400,000 to \$500,000.

Tex., Alpine—McMurray Plumbing Co., capital \$12,000, incorporated; R. A. McMurray, H. W. Ferguson.

Tex., Alvin—James A. Burke, 2705 O St.,

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Galveston, reported, will enlarge and install additional equipment in the Cape Jasmine oil extracting plant, increasing capacity.

Tex., Beaumont—Elektrik Maid Bake Shop, San Jacinto Annex, Orleans St., remodel building, install complete electric bakery equipment, furnished by Elektrik Maid Bake Shop, St. Paul, Minn.; Atlas Sheet Metal Works, 303 Main St., and Mabry Mfg. and Lumber Co., 1700 Crockett St., both Beaumont; Jos. C. Beck, Archt. and Const. Engr., San Jacinto Bldg.\*

Tex., Breckenridge—Merchandise—McClaran-Conley, Inc., capital \$15,000, chartered; C. D. Conley, W. M. McClaran.

Tex., Dallas—Dallas Insurance Underwriters Publishing Exchange, incorporated; R. W. Thompson, Praetorian Bldg.

Tex., Dallas—Evans Hat Co., capital \$25,000, incorporated; P. Latham, 3261 Rawlins St.

Tex., Dallas—Southern Nipple Manufacturing Co., capital \$10,000, incorporated; C. J. Farwell, 4921 Crutcher St.

Tex., Dallas—Merchandise—Lockett & Arons Co., capital \$25,000, incorporated; Emil Arons, 1417 Peabody St.

Tex., Dallas—Magnolia Seed Co., 1020 Elm St., increased capital, \$10,000 to \$20,000.

Tex., Dallas—Lindsey-Munn Construction Co., capital \$30,000, incorporated; A. Munn, 5319 Junius St.

Tex., Edna—The Jackson County Fig Preserving Co., capital \$20,000, incorporated; W. F. Felts, E. L. Fairles.

Tex., Galveston—Amusement Pier—George W. Bell, Jr., United States Natl. Bank Bldg., reported soon begin construction on \$225,000 amusement pier at First St. and Boulevard, cover more than two city blocks and extend 1680 ft. into Gulf of Mexico; pier will extend from First to Third St., costing about \$130,000; install amusement features; will probably be known as East Beach Pier; receiving bids; later contemplates building grandstand for automobile racing, seating capacity about 10,000, and cost from \$10,000 to \$15,000.

Tex., Hamshire—Hamshire Public Warehouse Corp., chartered; Nick Young, D. E. McCall.

Tex., Houston—Boulevard Undertaking Co., 6929 Harrisburg Blvd., has plant, equipment furnished by Texas Coffin Co., 1724 Mary Ave., Waco, Tex., and Black Bros. Furniture Co., 804 Capitol St.\*

Tex., Houston—Texas Bread Co., Sawyer St., let contract to T. B. Hubbard Construction Co., Bankers Mortgage Bldg., at \$32,998 for addition to present plant; improvements include cooling room, two loading sheds to facilitate handling of bread.

Tex., Kerrville—Merchandise—Poole & Clark, Inc., capital \$15,000, chartered; M. W. Poole, Paul Clark.

Tex., Lubbock—The Journal-Avalanche Publishing Co. formed by consolidation of The Lubbock Daily Journal and the Lubbock Morning Avalanche; James L. Dow and Charles A. Guy, Editors.

Tex., Montague—The Montague County Abstract Co., capital \$25,000, incorporated; H. E. Crenshaw, G. W. Alcorn.

Tex., Pampa—Schneider Hotel Corp., capital \$250,000, chartered; Alex. Schneider, Jr., M. C. Parker.

Tex., Raymondville—Delta Hardware & Implement Co., capital \$15,000, incorporated; S. L. Gill, Geo. Newgent.

Tex., San Antonio—Heath & Kinsey Construction Co., capital \$10,000, incorporated; B. R. Heath, 2805 W. Houston St.

Tex., San Antonio—Pan-American Fire & Marine Insurance Co. of San Antonio increasing capital.

Tex., San Antonio—San Antonio Laundry Co., Presa and Sadie Sts., plans erecting \$35,000 laundry, 1 story, 108x133x120 ft., brick, concrete and steel; receiving bids; L. Harrington & Co., Archts., Builders Exchange Bldg.

Tex., San Antonio—Conservatory—Commr. Ray Lambert interested in building municipal hothouse and conservatory in Brackenridge Park; estimated cost \$100,000, first unit about \$40,000.

Tex., Vernon—Nehl Bottling Co., capital \$10,000, incorporated; S. H. Read, W. N. Stokes.

Va., Cambria—Moses Medicine Co., Inc., capital \$10,000, chartered; J. W. Mitchell, J. W. Moses.

Va., Danville—Stigall Electric Co., Inc., capital \$25,000, chartered; L. P. Stigall, 812 Paxton St.

Va., Lynchburg—W. D. Mount and Fred

W. McWane and associates formed company to operate modernly equipped lime plant in Botetourt County.

Va., Lynchburg—W. B. Mount, Fred W. McWane, Fort Ave., and associates will establish lime plant on James River; will manufacture building and agricultural lime, hydrated lime and other lime products.

Va., Richmond—Coal By-Products—Chemical Products Corp., capital \$100,000, chartered; J. St. George Bryan, 924 E. Main St.

Va., Roanoke—Roanoke Bottling Co., capital \$50,000, incorporated; J. T. Bandy, Terry Bldg.

Va., Roanoke—Potato Waffles Corp., chartered; E. H. Pearl, MacBain Bldg.

W. Va., Salem—Co-Operative Window Glass Co. reported organized; acquired the Modern Window Glass Co.; will operate.

### Motor Bus Lines and Terminals

Fla., Jacksonville—The Georgia-Florida Bus Line and Florida Motors, established bus line between Waycross, Ga., and Jacksonville, with headquarters at Bay and Hogan St., Jacksonville; J. Q. Wittemore, Mgr. new line.

Miss., Gulfport—Golden Fawn Bus Line, John Donzell, let contract to Geo. Hopkins to construct garage and depot on Second Ave.; estimated cost \$18,350; Shaw & Woleben, Archts.

S. C., Charleston—Cornelius O. Thompson, Pres., Thompson Transfer Co., reported, acquired 105x215-ft. site at St. Philip and Vanderhorst St.; plans erecting garage and office, steel and glass construction; for present will erect temporary structure.

Tenn., Nashville—Tennessee Transportation Co., 160 Fourth Ave. N., applied for permit to operate bus line from central terminals into suburbs.

Va., Norfolk—Norfolk Motor Terminals, Inc., L. P. Matthews, Pres., 804 Bank of Commerce Bldg., acquired site cor. Main and Randolph Sts.; will erect 8-story, 100x100-ft. modern fireproof building complete; capacity 400 cars; estimated cost \$225,000; will erect and operate automobile terminals.\*

Va., Petersburg—Southside Transportation Co. applied for permit to operate passenger bus service to N. Carolina line via Reams, Carson, Stony Creek, Jarretts, Emporia and Trego over State Route No. 24.

### Motor Cars, Garages, Filling Stations

Ala., Opelika—L. W. Montgomery let contract to Louis Kerr for construction of automobile storage house on First Ave., 50x70 ft., operated in connection with filling station; install modern system of washing and greasing cars.

Ark., Eldorado—Wells-Taylor Motor Co., capital \$50,000, incorporated; E. S. Wells W. L. Taylor.

Ark., Mena—Phillip & Middleton, Mena and Gillham Aves., plan erecting 1-story garage and filling station.

Fla., Dunnellon—W. L. Baker, Propr. of Riverside Garage, reported, acquired the Florida Garage and Supply Co., will consolidate and operate under name of Riverside Garage.

Fla., Leesburg—G. J. Maurer let contract to Regden Brothers for fireproof building, cor. Lake and Magnolia St.; 1-story, 35x80 ft., concrete and steel, to be occupied by automobile firms.

Fla., St. Petersburg—Elmer Ermatinger, 326 Seventeenth Ave., let contract to L. E. Smith for filling station, 1 story, 20x30 ft., under construction; install air compressor, wash racks, greasing pits, etc.\*

Fla., Tampa—Peninsular Motors Corp., 500 Jackson St., reorganized with J. W. Mainland, Pres.; plans remodeling and construction of new salesrooms in branches of corporation at Lakeland, Bradenton, Sarasota, Bartow and St. Petersburg.

Ga., Atlanta—Brake Linings—A. P. Shriver will establish the Atlanta Brake Service Co. at 293 Marietta St.; also has agency for Lockheed hydraulic brakes.

Ga., Atlanta—City construct extension to garage building at Atlanta water-works shop; receives bids Sept. 24; W. P. Price, Purchasing Agent.

Ga., Augusta—Pan American Oil Co., New Orleans, contemplates building wholesale depot at Calhoun and Washington St., also plans filling station in different sections.

Ga., Augusta—Auto Glass and Radiator Shop, 128 Center (5th) St., establishing radiator and auto glass shop; install radiator shop supplies, glass grinding and polishing machinery, etc. (See Machinery Wanted

—Auto Glass; Glass Grinding and Polishing Machinery; Solder; Radiator Shop Supplies.)

Ky., Louisville—A. & P. Drive-It-Yourself Co., capital \$10,000, incorporated; J. P. Ahern, 1629 Deer Lane.

Ky., Louisville—Mack International Motor Truck Corp., Ben W. Brumleve, local Mgr., 510-16 S. Brook St., reported, will erect \$130,000 garage at Brook St. and Warnock Ave., 1 story, containing about 30,000 sq. ft. floor space; also plans second unit containing 20,000-sq. ft., to be erected later; Leslie V. Abbott, Contr. 5 Keller Court.

Ky., Weeksbury—Weeksbury Motor Co., incorporated; D. B. Ward, C. H. Fraim.

La., New Orleans—Consolidated Sales Co., Inc., capital \$25,000, chartered; Joseph F. Dupuy, Pres., 1001 Moss St.

La., New Orleans—Demack Motor Co., Inc., Emile Marrere, Sec., 85-9 Carondelet St., increased capital to \$50,000.

La., Shreveport—Edw. F. Neild, Archt., Merchants Bldg., receiving bids for construction of 1-story, 80x150-ft. sales building on Franklin St.; estimated cost \$35,000; to be occupied by White Truck Co.; A. Casaux, owner.

La., Zachary—Zachary Motor Co., Inc., capital \$20,000, chartered; Newman H. deBretton, Morris Reinberg.

Md., Baltimore—Lord Baltimore Filling Stations, Inc., American Bldg., will erect 1-story building at 1100 S. Monroe St., 20x20 ft., brick, stove heat; construction by owner.

Md., Towson—Neill-Buick Co., Inc., 107-113 W. Mt. Royal Ave., Baltimore, reported, leased garage and service station cor. York Rd. and Willow St.; will remodel.

Miss., Brookhaven—Louisiana Oil Corp. will erect gasoline and oil station.

Miss., Hattiesburg—Texas Oil Co. will erect drive-in filling and service station; purchased site.

Miss., Jackson—The Jackson Motor Car Co., J. L. Palmer, Sec., S. Congress St., increased capital to \$100,000.

Miss., Natchez—Southern Tire Co., Inc., chartered; L. S. Stanton, Franklin St.

Miss., Vicksburg—Southern Auto & Tire Co., capital \$50,000, incorporated; C. P. Silinger, 1221 Monroe St.

Mo., Kansas City—A. M. Robbins, 431 W. 60th Street Terrace, and associates, reported, contemplates building 4-story automobile building at 1309-17 Main St.; fireproof structure; Robert Gornall, Archt., 3619 Broadway.

Mo., Kansas City—W. R. Knapp, 809 McGee St., and D. J. Griffith, 3308 Troost Ave., reported, will erect storage and service garage at 3308 Troost Ave., 50x170 ft., brick; leased to John H. Wilson, 3306 Freeman Ave.; W. K. Martin, Contr., 5336 Michigan St.

Mo., St. Louis—Harvey & Sons Garage Co., capital \$10,000, incorporated; Elmer V. Mosee, 4318 W. Bell Place.

Mo., St. Louis—Vesper Buick Auto Co., Vandeventer and Laclede Sts., has permit for \$150,000 garage and repair shop at 3909 Laclede St.; 2 story, 150x210 ft., brick, composition roof, steam heat.\*

Mo., St. Louis—S. B. Stribler, 4334 S. Compton St., has permit for body and paint shop at 2342 S. Broadway; 1 story, 60x108 ft., brick, rubberoid roof; J. A. Scott, Contr., 3455 Pestalozzi St.; E. J. Hess, Archt., 3242 Magnolia St.\*

Mo., St. Louis—Standard Oil Co. has permit for service station at 3435 S. Kingshighway; 1 story, 12x16 ft., brick, composition roof; Acme Construction Co., 1782 Railway Exchange Bldg., Contr.

Mo., Springfield—Springfield Auto Works, capital \$21,000, incorporated; A. W. Duemler, 2457 N. Boulevard.

N. C., Lenoir—Hunt Gwyn Motor Co. let contract to C. T. Smith for construction of 50x88-ft. building on E. Harper Ave., 3-story and basement; install garage, used-car and car storage department, in addition to offices, showroom, etc.\*

Okla., Idabel—Idabel Motor Co., Inc., capital \$20,000, chartered; A. K. Skinner, E. A. Poe.

S. C., Charleston—Palmetto Auto Sales Co., capital \$10,000, incorporated; L. D. Long.

S. C., Greenwood—Real Tire Service, Inc., applied for charter; H. A. Moore, J. P. Calloway.

Tenn., Knoxville—Spliers Motor Co. have plans for sales and service building to be erected on W. Cumberland St., 1-story, rubble stone and bronze brick, daylight plant, contain about 15,000 sq. ft. floor space; has 100x150-ft. site; Leslie V. Abbott, Archt., 5 Keller Court, Louisville, Ky.; R. W. Spliers

In writing to parties mentioned in this department it will be of advantage to all concerned if the Manufacturers Record is mentioned.

advises: "Will not begin on new garage building before spring of 1927."

Tex., Abilene—S. M. Shelton having plans revised for construction of garage and sales-room at First and Elm Sts., 1-story, 100x130 ft., fireproof, brick, stone and reinforced concrete; estimated cost \$40,000; rejected bids; Wm. Nichol and Geo. F. Campbell, Archts., 29 Radford Bldg.

Tex., Amarillo—Toney Chism, 118 W. Fifth St., let contract to Fred Bone Construction Co. for \$250,000 garage, 2 story, 140x120 ft., brick, stone, reinforced concrete, composition roof, steel trusses, metal lath; E. F. Rittenberry, Archt., 303 Blackburn Bldg.

Tex., El Paso—Texas Co., Hugh Bonham, Dist. Mgr., 201 S. Eucalyptus St., plans erecting filling station at Huaco and La Luz St.; estimated cost \$18,000.

Tex., Kerrville—Magnolia Petroleum Co. let contract to Campbell Construction Co. of San Antonio for drive-in filling station cor. Baker and Main St.; has 112x116-ft. site.

Tex., Lewisville—Schuler-Moore Motor Co., capital \$15,000, incorporated; W. A. Moore, Jr.; E. F. Schuler, Jr.

Tex., San Antonio—Ersinger Motor Co. increased capital, \$150,000 to \$250,000.

Tex., San Antonio—Buick Motor Co., Tenth and Broadway, has low bid from Jay Dupuy at \$125,775 for 3-story and basement building, brick, hollow tile, cast stone and concrete; Adams & Adams, Archts., Builders Exchange Bldg.

Va., Roanoke—The Progress Transit Co., incorporated; J. L. Martin, 908 Highland Ave. S. E.

W. Va., Huntington—Huntington Home Oil Co. (Station No. 1), Fourth Ave. and Twelfth St., capital \$10,000, incorporated; A. Donaldson; contemplates making plant improvements.\*

### Railways

Miss., Jackson—New Orleans Great Northern Railroad is authorized by the Interstate Commerce Commission to build extension of about 5 mi. into Jackson, including terminal facilities, taking place of use of Illinois Central line from Noggan to Jackson, 4½ mi.; W. E. Farris, New Orleans, La., is V.-P. and Gen. Mgr.

Miss., Meridian—S. A. Neville, president Meridian and Bigbee River Railway Co., writes the MANUFACTURERS RECORD that construction will begin shortly on its proposed line from Meridian, Miss., eastward to Cromwell, Choctaw City, Naheola and Myrtlewood, Ala., 50 miles. Line authorized by Interstate Commerce Commission.

Tex., Breckenridge—Clisco & Northeastern Railroad made preliminary survey for extension from Breckenridge to Throckmorton, Tex., about 40 mi., to serve oil field at Woodson; expected to begin construction soon. R. Q. Lee, Clisco, Tex., is Pres.

### Railway Shops and Terminals

Miss., Cleveland—Illinois Central R. Co., A. F. Blaess, Ch. Engr., advises: Let contract to J. W. Noble of Fayette, Miss., for grading; balance of work will be handled by company forces.\*

### Roads, Streets and Paving

Large sums are being expended for roads, streets and paving in connection with Land Development operations. Details will be found under that classification.

#### Proposed Construction

Ala., Andalusia—City plans 1 mi. sidewalk paving. Address City Clk.

Ala., Birmingham—City plans expending \$92,935 to pave 5 streets, including Sixty-sixth, Clairmont; A. J. Hawkins, City Engr.

Ark., Hot Springs—National Park Service, U. S. Dept. of Interior, Joseph Bolton, Supt., received low bid from T. A. Rosamond, Hot Springs, at about \$23,500, for 1½ mi. one-course concrete pavement on Hot Springs Mountain Road.\*

Ark., Fayetteville—City, Allan M. Wilson, Mayor, plans grading and paving University St., Dickson to Williams.

Fla., Apalachicola—City Commrs., F. B. Wakefield, City Treas., received low bid from Slattery & Henry Construction Co., Mills Bldg., Greenville, S. C., at \$110,807, for 44,300 sq. yd. concrete paving, curbing, etc.\*

Fla. Avon Park—City, Louise Brown,

Clk., received low bid from H. B. Beebe to widen Forest Ave.

Fla., Bunnell—Town, John P. Gerz, Clk., receives bids Oct. 18 for 93,000 sq. yd. brick, concrete or bituminous pavements, with curb, gutter excavation and appurtenances; 32,000 lin. ft. storm drains, 5600 lin. ft. sanitary sewer laterals; plans on file and from N. A. Hotard, Engr., New Smyrna; Zeb E. Booe, Mayor.

Fla., Jacksonville—Bayshore Co., P. M. Willis, Treas., plans expending about \$7500 for 20-ft. asphalt highway from Bayshore Blvd. to entrance of city zoo.

Fla., Lake City—Columbia County Commrs. plan building 2 roads: From Georgia line, via Waycross and Homerville to Benton and Lake City; from Lake City over Jacksonville route, by Lulu to Union County line, north of Lake Butler.

Fla., Miami—City, H. E. Ross, Clk., receives low bid from T. B. McGeahy Co., 2115 N. Miami Ave., at \$181,011, to pave Biscayne Blvd., Thirteenth to Thirty-ninth St.; B. M. Duncan, City Engr.\*

Fla., Mount Dora—Town, J. H. Crane, Clk., receives bids Oct. 6 for 55,000 sq. yd. paving with drainage, curb and gutter, etc.; plans on file and from H. S. Jaudon Engineering Co., Leesburg and Eustis, Fla.; Elberton, Ga.; A. J. Waltz, Mayor.\*

Fla., Palatka—Putnam County Bond Trustees, Special Road and Bridge Dist. No. 7, J. W. Hart, County Mgr., receives bids Oct. 12 for 1.8 mi. highway, from Prospect St., Crescent City, to Crescent City Junction; plans on file.

Fla., Pensacola—State Road Dept., Tallahassee, receives bids Oct. 1 to build Scenic Highway, Escambia County; J. L. Cresap, State Highway Engr.

Fla., St. Augustine—St. Johns County Commrs., C. Sam Johnson, County Mgr., contemplate 1 mi. rock road No. 5, connecting St. Augustine-Jacksonville brick road with new road under construction by Duval County.

Fla., Taft—City plans street paving, cost \$38,000. Address City Clk. See Financial News—Bond Issues Proposed.

Fla., Tampa—City Comm., Chas. N. Tucker, Pur. Agt., receives bids Sept. 28 for 7785 sq. yd. 2½-in. asphalt block pavement, including sand cushion, and 7-in. rock or shell base, including grading, 3300 lin. ft. concrete or granite curbing; plans from R. D. Martin, City Engr.

Fla., Tampa—City Comm., Chas. N. Tucker, Pur. Agt., receives bids Oct. 5 to lay and grade 161,170 sq. ft. concrete sidewalks; plans from City Engr.

Fla., West Palm Beach—City, C. A. Birmingham, City Mgr., plans receiving bids to extend Lake and Georgia Ave., Warrenite bitulithic, sheet asphalt or asphalted concrete.

Ga., Atlanta—City plans widening Whitehall St. to 80 ft., and extending white way from Madison Ave. to Central of Georgia Ry. Address City Clerk.

Ga., Augusta—Richmond County Commrs., H. A. Norrell, Clk., receives bids Oct. 5 for 1 mi. concrete, Wrightsboro Road, from city limits of Augusta, west, 10,560 sq. yd. plain concrete pavement; plans on file and from State Highway Dept., Augusta.

Ga., Canton—City, T. A. Doss, Clk., receives bids Sept. 28 for 3100 sq. yd. sidewalks, 3200 cu. yd. grading; plans on file and from Knox T. Thomas, Engr., 611 McGowan-Bowen Bldg., Atlanta; E. A. McCannless, Mayor.

Ga., Nashville—City Commrs. plan paving Courthouse Square and all streets leading therefrom, one block each way; cost \$60,000. See Financial News—Bond Issues Proposed.

Ga., Rome—City receives bids to pave Second St., Broad to Etowah River Bridge; Broad, First to Five Points; C. L. Dulin, Supvr. Engr.

Ga., Waycross—State Highway Comm., East Point, receives bids Sept. 30 for 5 roads in Ware County: From Alma to Appling County line; Appling County line to Baxley; Baxley to Altamaha River; Alma toward Hazlehurst; Hazlehurst toward Alma; H. M. Pafford, Div. Engr.

Ga., Waycross—State Highway Dept., East Point, receives bids Sept. 30 to gravel road from Waresboro to 10¼-mile post, Ware County; H. M. Pafford, State Highway Div. Engr.; J. D. Mitchell, Ware County Clk.

Ga., Waycross—City, Abram Cook, Mgr., receives bids Sept. 28 to pave 7 streets, including Brunel, Folks, etc.

Ky., Richmond—State Highway Dept., Frankfort, plans 3½-mile surfacing East Dixie Highway, below Kentucky River; T. B. Smith, Dist. Highway Engr., Winchester.

La., Alexandria—City, J. H. Brewer, Sec., receives bids Oct. 4 for concrete sidewalk paving on Florence Ave., Levin to Gould.

La., Baton Rouge—East Baton Rouge Parish Police Jury, F. A. Woods, Sec., receives bids Oct. 12 for about 33,000 sq. yd. paving with drainage structures, on North Boulevard extension, Terrace Drive and Clay Ave.; plans from R. Swart, Engr.

La., Jennings—Jefferson Davis Parish Police Jury plans road and bridge building in Roanoke Road Dist. No. 3; cost \$80,000. See Financial News—Bond Issues Proposed.

La., Jennings—City Comm. plans street paving. See Financial News—Bond Issues Proposed.

La., Monroe—City, C. C. Bell, Mayor, receives bids Sept. 30 to hard surface Wood St., from School St. to eastern termination, south of river front street to traffic bridge.

La., Natchitoches—Louisiana Highway Comm., Baton Rouge, receives bids Oct. 5 to furnish gravel and build 6.007 mi. Creston-Saline Highway, Natchitoches Parish, from Creston to Chestnut; plans on file; W. B. Robert, State Highway Engr.

Md., Baltimore—Board of Estimates approved expenditure of \$93,900 to pave 13 streets, including Fayette and Lexington Sts., with sheet asphalt, around Police Headquarters; Stuart Purcell, Highways Engr.; B. L. Crozier, Ch. Engr.; Howard W. Jackson, Mayor.

Md., Baltimore—Board of Awards receives bids Sept. 29 to grade, curb and pave with 7500 sq. yd. sheet asphalt on concrete base streets, in Cont. No. 368; 25,300 sq. yd. cement concrete, Cont. No. 369; also to grade and pave with cement concrete alleys in Alley Cont. No. 122; plans from Stuart Purcell, Highways Engr.; Howard W. Jackson, Mayor.

Md., Baltimore—State Roads Comm., 601 Garrett Bldg., received low bid from P. Flanagan & Sons, Harford Road and B. & O. R. R., at \$69,395, for .68 mi. sheet asphalt along Belair Road, Hamilton, to Raspen Ave.\*

Md., Hyattsville—Town, G. Hodges Carr, Clk., receives bids Oct. 6 for about 600 sq. yd. concrete sidewalk, 1300 lin. ft. concrete curb, 1700 sq. yd. concrete pavement; Irving Owings, Mayor; plans from Robert B. Morse, Ch. Engr., Washington Suburban Sanitary Dist., Ralston Ave.

Miss., Ashland—Benton County Board of Supvrs. contemplates 3 roads west to Tippah County line; toward Ripley, toward Falkner and toward Walnut.

Miss., Coffeeville—Yalabousha County Board of Supvrs. contemplates hard-surfacing road from Water Valley to Oakland.

Miss., Corinth—Board of Supvrs. plans paving Seventh St. from Madison St. to eastern corporate limits.

Miss., Holly Springs—Marshall County Board of Supvrs. receives bids Oct. 1 for 2 roads: Holly Springs-Tate County line, 89,606 cu. yd. excavation, 22,268 lbs. reinforcing steel, 32,014 cu. yd. sand-clay surfacing; bridges over 20-ft. span; 14,685 mi. Petts Camp-Cornersville highway, 114,846 cu. yd. excavation, 25,688 lbs. reinforcing steel, 18,281 cu. yd. sand-clay surfacing; bridges over 20-ft. span; plans from Chancery Clk.

Miss., Jackson—Hinds County Board of Supvrs. receives bids Oct. 7 for 9 mi. grading and drainage, Clinton and Big Black Highway from Clinton hard surfaced road to Bolton.\*

Miss., Jackson—Hinds County Board of Supvrs., W. W. Downing, Chancery Clk., receives bids Oct. 7 for grading, drainage and surfacing Raymond-Utica Road; plans on file.

Miss., Magnolia—Pike County Board of Supvrs. plans connecting Summit-McComb highway with Magnolia-McComb highway, through McComb; \$10,000 available.

Miss., Philadelphia—Board of Aldermen, J. V. Welsh, Clk., receives bids Oct. 5 to pave Church St., Main to Myrtle; Beacon St., Front to intersection Myrtle.

Miss., Port Gibson—Claiborne County Board of Supvrs. receives bids Oct. 4 for grading and building road from Ingleside and McCaa fork easterly; also for iron bridge across Bayou Pierre, near Willows, 6381 cu. yd. concrete, 4490 lbs. reinforcing steel; plans on file.

Mo., Joplin—City, O. P. Mahoney, Commr. of Streets, plans paving with concrete, Empire Ave., Islington Place, and curbing and guttering Main St.

Mo., Joplin—City, O. P. Mahoney, Commr. of Streets, plans concrete and asphalt sur-

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face on Chestnut Ave., macadam surface on Pearl Ave., curb and gutter on Main St.

Mo., Moberly—City plans widening, grading and resurfacing Rollins St., Morley to point west of Ault St., and from point west of Sturgeon St. to Johnson. Address City Clk.

Mo., St. Louis—Board of Public Service plans expending \$564,210 to resurface 10 streets, including West Pine, between Grand and Kingshighway Blvd., with bitulithic.

N. C., Charlotte—City Commrs., W. S. Stancliff, Commr. of Public Works, plans widening Tryon St., East Morehead to Wynona.

N. C., Charlotte—City plans widening East Fourth St. to 80 ft., College St. to Sugar Creek; C. D. Isom, City Engr.

N. C., Elizabeth City—Pasquotank Highway Comm. plans 8 roads, 14 and 16-ft. gravel, totalling about 20 mi.; 3½ mi. Body road to Halls Creek; 2.3 mi. Episcopal Church at Weeksville to Pallen's Corner; 3.2 mi. from city limits to Weeksville Church; 2 mi. Salem road, from Salem Baptist Church to Kehukee Baptist Church; 3 mi. Berea Church to Fork School; continue River road, Newland, from Fred Brothers' store to Acorn Hill road, at John Temple Place; 1.5 mi. Peartree road, from Four Forks to Brothers' schoolhouse; 1.5 mi. Eslip road, Union Methodist Church to Lister's Corner; cost \$250,000. See Financial News—Bond Issues Proposed.

N. C., Greensboro—City plans paving Bagley St. from Park Ave., across front of stadium; also plans culvert in 2 sections, each 10x5 ft. and 175 ft. long. Address City Clk.

N. C., Lexington—State Highway Comm., Raleigh, considering extending Highway No. 6 from Lexington to Troy, via Denton.

N. C., Lenoir—City plans paving South Main to city limits, and portions of Cronly, Everett, McKay and Monroe St.; W. E. Matthews, City Engr.

N. C., Raleigh—City Commrs., E. E. Culbreth, Mayor, plan street improvement, including sidewalks on St. Mary's St.; cost \$750,000. See Financial News—Bond Issues Proposed.

N. C., Winston-Salem—City Board of Aldermen plans widening and extending various streets, including West Third, West First, etc.

Oklahoma — State Highway Comm., Oklahoma City, receives bids Oct. 12 for 14 roads and 7 bridges, estimated cost \$1,225,000. Noble County, 10 mi. grading and drainage north of Perry to county line; Garvin County, grading and drainage, Wynnewood to Pauls Valley; Pauls Valley to Pauli; Noble County, west of Marland to point between Perry and Three Sands; Stephens County, east of Marlow to county line; Garfield County, from Covington east to county line; Stephens County, Marlow to county line; LeFlore and Haskell Counties, from Stigler east, from Spiro west; Pittsburg County, 3 bridges west of McAlester; Murray County, Davis south to Washita River; 4½ mi. concrete, State Highway north of Davis; McClain County, 1 mi. concrete and ½ mi. gravel south of Purcell; Pawnee County, 12 mi. concrete, Keystone toward Cleveland; Rogers County, grading and drainage, Chelsea to Alluwe; Mayes County, north of Adair to county line; Craig County, Vinta to county line; Stephens County, Duncan east to county line; Delaware County, bridge over Washita River near Grove; over Arkansas River near Grove; Pawnee County, repair bridge on Keystone River near Keystone; Mayes County, repair bridge near Salina; J. M. Page, State Highway Engr.

Okl., Muskogee—State Highway Dept., Oklahoma City, plans expending about \$200,000 for 8 mi. concrete paving; C. R. Morgan, Engr.

Okl., Stillwater—Payne County Commrs. plan completing highway from Oklahoma City to Tulsa. See Financial News—Bond Issues Proposed.\*

S. C., Greenville—Greenville County plans expending \$10,500 to topsoil 4 sections of cross-country roads totalling 24 miles in and through Fountain Inn section; 3 mi. Fairview-Fork Shoals; 3 mi. Wesson-Fountain Inn; 10 mi. Neely Ferry road; 8 mi. old Wingo road from point near Greer to Rutherford road.

S. C., Greenville—State Highway Comm., Columbia, plans completing road from Greer to Duncan, part of Greenville-Spartanburg highway.

S. C., Spartanburg—City Commrs., T. J. Bloyd, Clk., plans expending about \$201,750 to pave 16 streets, lay sidewalks, curbs and gutters on 2 additional streets, including Mills, Revenel, Carlisle Aves.

Tenn., Bristol—City Commrs. plan 24-ft. concrete surface on Virginia Ave., from Ma-

ple St. to corporate limits, at Holston Valley Highway; estimated cost \$25,000; Arthur Green, City Engr.

Tenn., Etowah—Town Commrs., N. G. Dixon, Street Commr., receives bids Sept. 28 for 6 blocks concrete street paving; plans from J. E. Shimwell, Recorder.

Tenn., Kingsport—City, F. D. Cloud, Mgr., receives bids Oct. 19 for 3500 cu. yd. excavation, 1752 lin. ft. combined curb and gutter, 6 catch basins, 2400 sq. yd. 6-in. waterbound macadam, 500 sq. yd. concrete sidewalk; plans on file and from City Engr.

Tenn., Memphis—City plans expending about \$1,200,000 for street improvement. Address City Clk.

Tenn., Winchester—City, E. W. Chattin, Mayor, plans expending \$80,000 to pave North High and Jefferson St. and Public Square with rock asphalt and improving other streets.

Tex., Austin—State Highway Comm., Hal Moseley, Chmn., received low bid from Raymond Canlon, 1412 S. First St., at \$29,578 for 6.63 mi. grading, reshoulder, concrete drainage structures and crushed gravel surface, State Highway No. 71, Del Valle-Garfield road, Montopolis Bridge to Onion Creek.\*

Tex., Austin—Travis County, Geo. S. Matthews, County Judge, plans 2.5 mi. gravel surfacing State Highway No. 20, Austin-Houston Highway, east from Manor, estimated cost \$11,500; O. Leonard, County Engr.

Tex., Baird—State Highway Comm., Hal Moseley, Chmn., Austin, receives bids Oct. 13 for 5.469 mi. grading and bridges, Highway No. 1, Callahan County, between Baird and Clyde, estimated cost \$19,500; A. C. Love, State Highway Engr.

Tex., Beaumont—Jefferson County, B. B. Johnson, Judge, receives bids Sept. 27 for about 40 mi. one-course bituminous topping on shell and gravel roads; Herbert T. Eldridge, Engr., 285 Euclid St.\*

Tex., Beaumont—City, Ollie J. Boyd, Mgr., plans street paving; cost \$325,000. See Financial News—Bond Issues Proposed.

Tex., Brownsville—City Comm. plans street improvement, cost \$1,200,000. See Financial News—Bond Issues Proposed.\*

Tex., Cameron—Milam County, Jeff T. Kemp, County Judge, plans 14 mi. grading, bridges and gravel surfacing, Cameron-Elgin Highway, San Gabriel River to Williamson County line; estimated cost \$118,000; A. F. Mitchell, County Engr.

Tex., Carrizo Springs—Dimmitt County plans improving highway No. 55; State Highway Comm. appropriated \$258,000; Jas. G. Lott, County Engr.

Tex., Coldspring—San Jacinto County, D. M. Love, County Judge, receives bids Oct. 19 for 8.454 mi. grading and bridges, Highway No. 45, Shepherd to Camilla; estimated cost \$40,600; J. R. Spiller, County Engr.

Tex., Corsicana—Navarro County, Warren F. Hicks, Judge, plans about 110 mi. highway paving, cost about \$3,000,000; W. W. McClendon, Engr. See Financial News—Bond Issues Proposed.

Tex., Dallas—City Comm., John W. Everman, Supvr. of Public Utilities, plans widening Pearl St., Ross to Pacific St., estimated cost \$133,000.

Tex., Dublin—City plans street paving, cost \$38,000. Address City Clk. See Financial News—Bond Issues Proposed.

Tex., Groveton—Trinity County, Fred J. Berry, County Judge, received low bid from J. S. Moore & Sons, Lufkin, for grading and drainage structures on 2 roads; 9.349 mi. Highway No. 108, Groveton to County line, \$38,617; 9.775 mi. Highway No. 108, from point 2 mi. from Groveton to Pennington, \$44,707.\*

Tex., Harlingen—City, D. W. Schuebach, Sec., plans street paving, cost \$125,000. See Financial News—Bond Issues Proposed.\*

Tex., Houston—City, O. F. Holcombe, Mayor, received low bid from J. M. Griswold, Polk Ave. and Santa Fe Ry., at \$7582, for gravel pavement on Alma St.; from Haden & Austin, Runnels & Santa Fe Ry., at \$32,836, to pave 4 streets with 2-course inverted penetration topping.

Tex., Houston—City, O. F. Holcombe, Mayor, plans roadways to Turning Basin, cost \$1,500,000; MacGregor Drive, \$300,000; permanent paving, \$250,000; J. C. McVea, City Engr. See Financial News—Bond Issues Proposed..

Tex., Houston—City, O. F. Holcombe, Mayor, plans paving Commerce St., Hamilton to Buffalo; J. C. McVea, City Engr.

Tex., Houston—City, O. F. Holcombe, Mayor, receives bids Sept. 20 for permanent

paving on Milam, Southmore and Elmen St.; storm sewers on Chenevert, Smith, Milam, Live Oak, Bagby and Intersection Navigation Blvd. and Sampson Sts.; sanitary sewer curb connections on 2 streets; 8-in. water main on Canal St.; plans from J. C. McVea, City Engr.\*

Tex., Houston—City, O. G. Holcombe, Mayor, plans receiving bids to pave Navigation Blvd. from North Buffalo to city limits, 6-in. reinforced concrete base; J. C. McVea, City Engr.

Tex., Jacksboro—Jack County Commrs. Court, H. C. McClure, County Judge, received low bid from Cocke & Turner, Marshall, at \$132,509 for 12.803 mi. sledged stone base, asphalt macadam top, State Highway No. 25, Jacksboro to Archer County line.\*

Tex., Jefferson—Marion County Commrs. Court, Wm. Clark, County Judge, received low bids from J. F. Dexter, 604 North Texas Bldg., Dallas, for 3 roads and bridge: 3.56 mi. 2-in. bituminous macadam surface course, Jefferson to Harrison County line, \$39,574; .09 mi. 2-in. bituminous macadam surface on concrete floor of Big Cypress Bayou Bridge, Jefferson; 7.57 mi. 2-in. bituminous macadam surface course on compacted water-bound macadam-base course, Jefferson to Cass County line, \$80,013; 1.22 mi. 2-in. bituminous macadam surface concrete, Jefferson to Black Cypress Bayou, \$12729.\*

Tex., Kerrville—State Highway Comm., Hal Moseley, Chmn., Austin, and Kerr County Commrs. Court, Lee Wallace, Judge, receive bids about Jan. 1, 1927, for 20 mi. in Kerr and 18 mi. in Real County; crushed stone macadam; S. K. Mason, County Engr., Kerrville.\*

Tex., Kingsville—City plans about 75 blocks paving in residential section, cost \$180,000. Address City Clk. See Financial News—Bond Issues Proposed.

Tex., Lubbock—Lubbock County, Chas. Nordyke, County Judge, plans 432 mi. 18-ft. 2½-in. brick pavement, Highway No. 7, through Slaton, from Lynn St. to Knox St.; estimated cost \$16,284; B. K. Garrett, Res. Engr.

Tex., Luling—City plans several miles paving; C. T. Greenwood, Mayor. See Financial News—Bond Issues Proposed.\*

Tex., San Antonio—Bexar County, Augustus McCloskey, County Judge, receives bids for 9.15 mi. grading, bridges and gravel surfacing, Castroville road; estimated cost \$110,000; A. C. Pancoast, County Engr.

Tex., Sherman—Grayson County, R. M. Carter, County Judge, plans 2.75 mi. surfacing, Whitesboro-Denton road, Tioza to Denton County line; H. M. Scott, County Engr.

Tex., Sherman—City, O. J. S. Ellingson, Mgr., receives bids Oct. 11 for 107,000 sq. yd. pavement, 75,000 lin. ft. concrete curb and gutter, 20,000 cu. yd. excavation.

Tex., Uvalde—Uvalde County plans improving Highway No. 55; M. B. Hodges, County Engr.

Virginia—State Highway Dept., Richmond, received low bid from Robert Martin Co., Salem, Va., at \$29,592, for 1.3 mi. concrete roadway through town of Wakefield, Sussex County; from M. C. Turner, Durham, N. C., at \$17,632, for bridge over Bannister River, Pittsylvania County, 3.5 mi. south of Chatham.\*

Va., Norfolk—City, Walter H. Taylor 3d, Director of Public Works, will pave Ocean View Ave., from 15th View St. to ferry entrance at Willoughby Beach.

Va., Portsmouth—Norfolk County Board of Suprs. may build road from Fentress to Hickory, cost \$35,000; R. B. Preston, County Engr.

Va., Princess Anne—Princess Anne County, R. D. White, County Judge, plans road building in Pungo and Seaboard Dist., cost \$293,000. See Financial News—Bond Issues Proposed.\*

Va., Princess Anne—State Highway Comm., Richmond, plans extending Virginia Beach Blvd. from Cape Henry across Lynnhaven Inlet via Ocean Park to Norfolk city line at Ocean View and Willoughby; H. G. Shirley, Chmn.

Va., Rockymount—State Highway Dept., H. G. Shirley, Chmn., Richmond, receives bids for .698 mi. bituminous macadam roadway in Rockymount section, Franklin County.

W. Va., Bridgeport—Village plans road building, cost \$20,000. Address Village Clk. See Financial News—Bond Issues Proposed.

W. Va., Charleston—Kanawha County Court, R. N. Moulton, Clk., plans 4 roads; 7 mi. 16-ft. concrete Coal River Road, Teay's

In writing to parties mentioned in this department it will be of advantage to all concerned if the Manufacturers Record is mentioned.

Hill Cemetery to Lincoln County line, via Falls Church; 1½ mi. 14-ft. Two-and-Three-Quarter-Mile Creek Road; 1.4 mi. grading, draining, concrete paving, Amandaville Road; 2.5 mi. grading, draining and concrete paving, Chestnut St. Road; R. R. Barton, County Road Engr. See Financial News—Bond Issues Proposed.

W. Va., Charleston—City, W. W. Wertz, plans paving 22 streets and alleys, including Arlington Ave. and Crescent road.

W. Va., Clarksburg—City, D. H. Hamrick, Clk., receives bids Oct. 5 for 3680 lin. ft. curbing, 2 manholes, etc.; plans on file with Constr. Engr.

W. Va., Huntington—Cabell County Court, T. H. Nash, Pres., receives bids Oct. 13 for public highway in Hinchman Bend of Guyandotte River, from Roach Bridge to Huntington and Hamlin Pike, 7700 cu. yd. excavation; plans from J. M. Oliver, County Engr.

W. Va., Huntington—City Commrs., Homer L. Yeich, Commr. of Streets, receives bids Oct. 4 to grade, curve and pave Seventh St. and Eleven and One-half Alley; plans from A. B. Maupin, City Engr.

W. Va., Princeton—Mercer County Court receives bids Nov. 8 to pave road from Washington St. to South Gate, formerly Abshire's Gap. Address County Commrs.

W. Va., St. Albans—City, F. D. Burgess, Mgr., receives bids Oct. 15 to grade, pave, curb, etc., 1600 sq. yd. Holley St.

#### Contracts Awarded.

Ala., Tusculumbia—Howell & Graves, developers, Muscle Shoals Dist., let contract to W. J. Runyon Paving Co. to pave Wilson Dam Highway, ¾ mi. north from Decatur Highway along Muscle Shoals Center.

Ark., Little Rock—City let contract to Kellher Construction Co., Home Life Bldg., at \$28,865 for 8900 sq. yd. brick surface and 5500 sq. yd. 7-in. concrete pavement.\*

Ark., Warren—Paving Improvement Dist. No. 4, S. B. Meek, Commr., let contract to Cook & Ramson at \$87,000 for about 15 blocks brick street paving.\*

Fla., Coral Gables—City Comm., Edw. G. Bishop, Clk., let contract to W. T. Price, Inc., at about \$1,800,000 for 51 mi. paved streets, 181 mi. cement sidewalks.\*

Fla., Riviera—Town let contract to John J. Quinn Co., Miami, at \$208,000, for street paving.

Fla., Sarasota—Sarasota County let contract to Walter J. Bryson Paving Co., 229 W. Adams St., Jacksonville, to widen ¾ mi. Bayshore Road, 1 to 40 ft., from Tamiami Trail to Mansota Road.

Fla., West Palm Beach—Palm Beach County Commrs. let contract for 2 roads: E. F. Powers Construction Co., Citizens Bank Bldg., at \$137,333 to reshape and surface cross-state highway, from Twenty-Mile Bend to Bell Glade; McVey Lindsey & Son, \$24,000, 1 mi. Military road, from Okeechobee road to West Palm Beach Canal.

Fla., Winter Haven—City, Ray S. Gatens, Mgr., let contract to Deen & Yarbrough, Bradenton and Winter Haven, at \$429,000 for 145,000 sq. yd. paving, totaling about 15.7 mi.

Ky., Paducah—City, George Hannin, Mayor, let contract to Yancey & Johnson at \$71,000 for about 8 mi. sidewalks, curbs and gutters.

Ky., Whitesburg—Letcher County Commrs. let contract to Codell Construction Co., Winchester, for 10 mi. hard surface, Ky.-Va. Highway, from Pound Gap, Va., through Cumberland Mountains to Seco via Jenkins, Dunham and Hammond.\*

La., Harrisonburg—Louisiana Highway Comm., Baton Rouge, let contract to McKeithen Construction Co., \$36,384, for 4.472 mi. Rhinehart-Manifest Highway, Catahoula Parish.\*

Miss., New Augusta—Perry County Board of Supvrs. let contract to W. W. Lott and G. A. Breland to regrade 8 mi. highway, from Black Creek to Stone County line.

Miss., Pascagoula—State Highway Dept., Jackson, let contract to Southern State Building & Construction Co. to complete section Old Spanish Trail near Hilda, Jackson County.

Missouri—State Highway Dept., Jefferson City, let contracts for 27 roads and one bridge: Clay County, 1.553 mi. 18-ft. concrete, W. A. Ross Construction Co., 1921 Broadway, Kansas City; Livingston County, 2.580, 3.314 and 4.256 mi. 18-ft. concrete, C. H. Atkinson Paving Co., Watertown, S. D.; 2.480 mi. 30-ft. graded earth, Ziegler Brothers, Junction City, Kan.; St. Francois County,

3.727 mi. 30-ft. graded earth, Richmond Construction Co., Advance, Mo.; Macon County, 1.329 mi. 30-ft. graded earth, J. L. Simons, LaPlata, Mo.; Carroll County, 2.212, 3.684 and 3.540 mi. 9-ft. concrete, Dobson & Robinson, Lincoln, Neb.; Pike County, 3.409 and 2.471 mi. 18-ft. concrete, W. A. Ross Construction Co.

In Dade County, 3.106 mi. 18-ft. chas., M. E. Gillioz, Monett; St. Clair County, 3.133 and 3.066 mi. 18-ft. gravel, Buffalo Construction Co., Buffalo, Mo., tentative; Shannon County, 4.923 and 2.981 mi. 18-ft. gravel, J. T. Cox, Springfield; Audrain County, 1.427 mi. 30-ft. graded earth, Newton Construction Co., Columbia, Mo.; Barry County, 1.427, 4.937, 4.865, 4.170 and 1.992 mi. 30-ft. graded earth, Kelly & Underwood, Granby; Crawford County, 4.424 mi. 30-ft. graded earth, Carte-Harlin Construction Co., West Plains; Pile County, 2.072 mi. 30-ft. graded earth, Newton Construction Co.; Dunklin County, .218 mi. bridge, Pittsburg-Des Moines Steel Co., Des Moines, Iowa; Ralls County, 1.461 mi. 30-ft. graded earth, Newton Construction Co.; Schuyler County, 4.940 mi. 30-ft. graded earth, Knutson Bros., Chariton, Iowa.\*

Mo., Joplin—City, O. P. Mahoney, Commr. of Streets, let contract to Tri-State Construction Co., Baxter Springs, Kan., to curb and gutter Gray, Connor and Tenth Sts.; to Miller Construction Co. to pave with concrete and asphalt surface Jackson Ave., Fifth to Seventh St.; to V. E. Koch to pave alley between Sergeant and Jackson.

Mo., Springfield—City let contract to Stigall Construction Co., Benton and Talmage St., at \$51,193 to pave Locust, Bower and High St. Address City Clerk.

N. C., Asheville—Buncombe County Commrs. let contract to Howerton Engineering Co., Temple Court, at \$88,795, to pave ¾ mi. road near Biltmore, and grade 5 mi. stretch, all on Sweeten Creed Road; also 2 underpasses and culverts at Southern R. R. grade crossing; at \$23,000 for 1 mi. road, from Haw Creek Road near Miller's Store to point on Black Mountain Highway near Oteen; to R. C. Stevens, 20 College St., at \$22,000, for concrete bridge over Hominy Creek, Brevard Road.

N. C., Elizabethtown—State Highway Comm., Raleigh, let contract to F. J. Mulligan Construction Co., North Wilkesboro, for grading and J. S. Bowers, Whiteville, for drainage structures on 12 mi. road, Bladen County, from Elizabethtown connecting with Highway No. 20, leading into Wilmington.

N. C., Hamilton Lakes, Greensboro—Village, A. M. Scales, Mayor, let contract to Ziegler Brothers, Greensboro, at about \$100,000 for 35,000 sq. yd. street surfacing.\*

Tenn., Knoxville—G. H. Chandler has contract at 40 cents per cu. yd. to grade and excavate roadway into site for South Knoxville water-works reservoir on Brightwell Hill.

Tex., Amarillo—Sunset Park Addition, owners, let contract to Tibbetts & Pleasant, 225 N. Nogales St., Tulsa, Okla., at about \$40,000 for paving in addition.

Tex., Dallas—City Comm. let contract to Fuller Construction Co., Willis St., at \$16,267 to pave Oram St. with asphaltic concrete from Raltman to Edgemont.

Tex., Houston—City, O. F. Holcombe, Mayor, let contract to Texas Willite Road Construction Co., 109 Standard Bldg., at \$9937 for Willite pavement on Kenwood Ave.; A. M. Arnold & Co., Summer and Elder Sts., for concrete driveway in front of Fire Station.

Tex., Jefferson—Marion County Commrs. Court let contract to J. F. Dexter, North Texas Bldg., Dallas, at \$133,101 to surface 4 sections roads State Highway No. 8 across county; totaling 13¼ mi.\*

Tex., Sarita—J. S. Moore & Sons, Lufkin, awarded contract at \$42,545, for 9.3 mi. grading and bridges, Highway No. 106, Kennedy County.

Tex., Vernon—City let contract to R. L. Mitchell and J. W. Gibson, Pauls Valley, Okla., for 58,000 sq. yd. paving.

Tex., Waxahachie—Ellis County, H. B. Stovall, County Judge, let contract to Frank Purvis, F. & M. Bank Bldg., Fort Worth, at \$39,977, for 8.765 mi. grading and drainage structures, Highway No. 6, Waxahachie to Forrester; at \$29,586 for bridges over 20-ft. spans on Highway No. 6.\*

W. Va., Fayetteville—State Road Comm., Charleston, let contract to A. Keathley, Professional Bldg., Charleston, at \$97,871 to grade and drain 3.44 mi. road from Big Creek, Fayette County, to Beckwith via Cotton Hill.

W. Va., Huntington—City, Homer L. Yeich,

Commr. of Streets and Sewers, let contract to George Henkle, 1737 Sixth Ave., to pave Hall St., Davis to Parsons; to T. C. Griffith, 450 Adams Ave., to pave Franklin and Charleston Ave.; A. B. Maupin, City Engr.

W. Va., Logan—State Road Comm., Charleston, and Logan County Commrs. let contracts for 2 roads to Hunt-Forbes Construction Co., First Natl. Bank Bldg., Huntington; 2 mi. Huntington-Logan road between Logan and Peach Creek, State Route 10; 1½ mi. State Route No. 67 between Stollings and Steam Well Crossing.

#### Sewer Construction

Large sums are being expended for sewage facilities in connection with Land Development operations. Details will be found under that classification.

Ark., Berryville—Commercial Club reported interested in installation of water works and sewer system.

D. C. Washington—Dist. Commrs. receives bids Sept. 28 for sewers. (See Machinery Wanted—Sewers.)

Fla., Bunnell—See Roads, Streets, Paving.

Fla., Fort Myers—City let contract to Walker & Elder, San Antonio, Tex., for construction of additions to sewer and water system.\*

Fla., Jacksonville—City let contract to Dysard Construction Co., Austell Bldg., Atlanta, Ga., and Imeson Construction Co., Jacksonville, for sewers, costing \$240,000; W. E. Shedd, City Engr.

Fla., Tavares—Town, E. H. Horne, Engr., votes October 5 on bonds for sewer line, 3 pumps and disposal plant, 1600 ft. of 15-in., 2300 ft. of 12 in., 1100 ft. of 10 in., 3900 ft. of 8 in. sewer pipe; 4 tanks, 19 ft. inside diam., 20 ft. deep.\*

Fla., Vero Beach—George E. Sheldon Co. has contract for storm sewer on Beachland Ave. in Vero Beach Estates.

Ga., Dahlgonega—See Water Works.

Ga., Homerville—Town, Dr. A. H. Culpepper, Mayor, receives bids September 30 for materials and labor to construct sewers and water works. (See Machinery Wanted—Water Works; Sewers.)

Ga., Valdosta—See Water Works.

Md., Baltimore—City Board of Awards receives bids Sept. 29 for building storm drains and sanitary sewers and railroad tunnel in Sewer District No. 38. (See Machinery Wanted—Sewers.)

Md., Delmar (P. O. Delmar, Del.)—Town receives bids on general contract in Jan. for \$160,000 sewers and drains; Francis H. Dryden, B. & B. Bldg., Salisbury, Archt.; Levin J. Houston, Engr., City Hall, Fredericksburg, Va.

Miss., Jackson—City plans improvements for water works, sewers and parks. See Financial News—Bond Issues Proposed.

Okla., Medford—City votes Oct. 4 on sewer bonds. Address The Mayor.

Okla., Blackwell—See Water Works.

Okla., Coweta—City plans \$55,000 sewer system; W. E. Davis, Engr., 219 Cole Bldg.\*

Okla., Okeene—City defeated bond issue for sewers. Address The Mayor.\*

Okla., Oklahoma City—Municipal Excavator Co., 200 E. Main St., reported has contract at \$14,000 for sewer excavation.

Okla., Tulsa—A. C. Comstock, 124 S. Cheyenne St., reported has contract for storm sewers; Chas. Schultz, City Engr.

S. C., Seneca—Lonsdale Mills reported let contract to Henry Construction Co., Emax-see Bldg., Greenville, for installing sewers and fire protection in mill and village; J. E. Serrine & Co., Greenville, Engrs.

Tex., Albany—Albany Sanitary Sewer Corp. let contract to Barker & Davis, 508 N. Texas Bldg., Dallas, for complete sewer system and disposal plant; 23,500 ft. of 4, 6 and 8 in. and 10 in. vitrified clay pipe, Imhoff tank, install 2 Miller timed siphons; F. J. Von Zuben, Engr., Ellison Bldg., Fort Worth.\*

Tex., Beaumont—City votes Oct. 16 on \$250,000 bonds for sewers. See Financial News—Bond Issues Proposed.

Tex., Harlingen—City voted \$25,000 sewer bonds; D. W. Schuebach, City Sec.\*

Tex., Houston—See Roads, Streets, Paving.

Tex., Houston—Charles K. Horton, 2202

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Clay St., will probably receive 9 sewer contracts, estimated cost \$13,000; J. C. McVea, City Engr.\*

Tex., Houston—City plans voting on \$100,000 bonds for sanitary sewers. See Financial News—Bond Issues Proposed.

Tex., Midlothian—City defeated \$46,500 bond issue. Address the Mayor.\*

Tex., Runge—City plans installing sewer system; Municipal Engineering Co., Engrs., Athletic Club Bldg., Dallas.

Tex., Temple—City plans construction of 2 miles sewers; cost \$25,000. Address The Mayor.

### Shipbuilding Plants

Fla., Tampa—See Foundry and Machine Shops.

### Telephone Systems

Ala., Ensley—Southern Bell Telephone & Telegraph Co. main office Atlanta, has permit for installation of \$20,000 heating plant in building on Sixth Ave.

Ark., Fayetteville—Southwestern Bell Telephone Co., G. A. M. Johnson, Dist. Mgr., will expend approximately \$31,000 on improvements to system, including rebuilding long-distance lines between Eureka Springs and Harrison, about 1000 poles and 191 mi. wire.

Ark., Warren—Southwestern Bell Telephone Co., W. F. Mackey, Dist. Mgr., will expend about \$24,000 on repairs and additional equipment.

Ga., Valdosta—Southern Bell Telephone Co., main office Atlanta, Ga., will expend \$20,000 on improvements.

Miss., Jackson—Western Union Telegraph Co. will expend about \$8000 on new equipment, improve office, etc.; C. A. Posey, Gen. Mgr.

Tex., Grapevine—H. Paul Hightower of Plano reported purchased the Grapevine Telephone Co.'s property.

Tex., McAllen—Rio Grande Telephone Co. reported acquired site, will erect \$45,000 exchange and office building, 2-story, brick and concrete.

### Textile Mills

Tex., Houston—Rockwood Sprinkler Co., 1015 Mercantile Bank Bldg., Dallas, has contract for sprinkler system for Houston Textile Mills. (Rockwood Sprinkler Co., Seattle, Wash., recently incorrectly noted having contract.)

N. C., Greensboro—Revolution Cotton Mills, Revolution, N. C., reported to erect dryer room and dryer; 3 stories, reinforced concrete; are receiving bids for construction.

N. C., Shelby—Janet Hosiery Co., Wythe Royster, Mgr., has under construction brick addition, 50x70 ft., to plant on South Shelby.

S. C., Newberry—Kendall Mills, Inc., 60 Congress St., Boston, Mass., reported to be negotiating for mills of Mollohon Mfg. Co.; will increase capital to \$1,075,000; increase spindles from 40,000 to 50,000; subject to ratification by stockholders; Harry P. Kendall, Mgr. Kendall Mills, Inc., wires: "If stockholders of Mollohon Mill approve proposal recommended by their directors we expect to take possession in October; mill will be adapted for our products similar to other mills we have in Carolinas."

S. C., Ninety-Six—Ninety-Six Cotton Mill, Jas. C. Self, Pres., reported to double capacity of plant; erect addition, 4 story, 245 ft. long, also 150 additional cottages in mill village. Company wires: "Sirrline & Co., Greenville, preparing plans for doubling present plant, will erect 100 to 150 additional homes for operatives; contract will be let as soon as possible after plans are completed."

S. C., Seneca—See Sewer Construction.

Tex., San Antonio—Cox Hosiery Co. let contract to Chas. H. Bryant for remodeling building on Alamo Plaza.

Va., Radford—Paul Knitting Mills, Inc., 370 Broadway, New York city, has plant with daily capacity 500 doz. men's seamless half hose; will install 50 knitting machines.\*

Va., Winchester—Berkeley Woolen Co., Martinsburg, W. Va., reported to construct addition to plant on Stephens St.; brick with steel skeleton, 160x60 ft., 4 stories; 40,000 sq. ft. of floor space; increase equipment from 82 to 100 looms; cost about \$175,000.

### Water Works

Large sums are being expended for water-works in connection with Land Development operations. Details will be found under that classification.

Ark., Berryville—See Sewer Construction.

D. C., Washington—Potomac Electric Power Co., 231 Fourteenth St., N. W., will construct ornamental stone tunnel, replacing present one, for carrying water from Anacostia River to Bennings plant; enlarge screen house.

Fla., Fort Lauderdale—Andrews-Fay Construction Co., Miami, Contr. for water filter plant, sublet electrical contract to J. J. Clinton, George St., including installation of motors, power lines and other wiring.

Fla., Fort Lauderdale—City receives bids October 5 for construction of seven 100 ft. wells for water filtering plant; plans by Solomon, Norcross & Kels, Consit. Engrs., 10 Plaza Bldg., Miami Beach.

Fla., Fort Myers—See Sewer Construction.

Fla., St. Petersburg—Director of Finance will soon call for bids for completion of 3 wells in Crescent Lake area.

Ga., Dahlonega—City voted \$25,000 water and \$10,000 sewer bonds; G. H. Moore, Mayor.

Fla., West Palm Beach—West Palm Beach Water Co., Malcolm Pirnie, Consit. Engr., reported considering drainage of area on northern shores of Lake Mangonia.

Ga., Valdosta—City reported to expend \$25,000 for new water mains; also install sewers. Address The Mayor.

Ga., Homerville—Town, Dr. A. H. Culpepper, Mayor, receives bids September 30 for materials and labor to construct sewer and water works. (See Machinery Wanted—Water Works; Sewers.)

Md., Baltimore—City, Board of Awards, opens bids Oct. 6 for excavating trenches and laying water mains in Argonne Drive. (See Machinery Wanted—Water Mains.)

Miss., Clinton—City, J. R. Hitt, Mayor, plans installing water works.

Miss., Friar Point—City plans drilling artesian well and concrete reservoir. Address The Mayor.

Miss., Jackson—See Sewer Construction.

Miss., Iuka—City reported considering installing water supply system; cost about \$50,000. Address The Mayor.

Miss., Yazoo City—Layne Central Co., Chelsea St., Memphis, Tenn., has contract for drilling well, cost \$15,000.

Mo., Neosho—City, A. F. Karbe, Mayor, will expend \$30,000 for water works extension; install 2 electrical pumps; A. E. Thain, Engr.\*

N. C., Mount Airy—Town will build filter plant of about 1,000,000-gal. capacity; Gilbert C. White Co., Consit. Engrs., Durham.

N. C., Old Fort—City receives bids September 28 (change of date) for improvement to water works system. Spoon, Lewis & Camp, Consit. Engrs., American Bank Bldg., Greensboro. (See Machinery Wanted—Water Works.)

N. C., Sanford—R. J. Patterson, Charlotte, has contract at \$50,000 for dam and coagulating basin; Gilbert C. White Co., Engrs., Durham.\*

Okla., Blackwell—Black & Veatch, Engrs., Mutual Bldg., Kansas City, Mo., are preparing plans water works and sewer system.\*

Okla., Boise City—Earl W. Baker & Co., Medical Arts Bldg., Oklahoma City, has contract for \$30,000 water and light plant, using 40-h.p. Fairbanks & Morse engine and Chicago Iron Works, 50,000-gal. tower tank.

Okla., Cashion—City, Emma W. Garnett, Clk., advises that there is no movement on foot here for water-works improvements, as recently reported.

Okla., Okmulgee—City will install reinforced and concrete steel sprinkler system aerator, cost \$15,000; W. C. Hallock, Consit. Engr.

Tenn., Gleason—City voted \$30,000 water-works bonds; construct water-works system, install storage tank, 2 pumps and 1 motor; I. J. McCally, Engr., Fayetteville.\*

Tenn., Hohenwald—City, Thos. J. Petway, Mayor, receives bids Sept. 28 for water works system. (See Machinery Wanted—Water Works.)

Tenn., Nashville—Foster & Creighton Co.,

Fourth and First Bldg., has contract at \$67,900 for boiler house and smokestack; brick construction, 107x48 ft.; install three 500 h. p. boilers and equipment; Rust Engineering Co. has contract for smokestack; Power Piping Co., for steam piping; T. L. Herbert & Sons, 174 Third Ave., N., for covering for pipes.

Tenn., Knoxville—City receives following low bids for erection of 1,000,000-gal. high-service reservoir: Green-Mullenbruck Construction Co., Arnstein Bldg., for employees' Ill., for construction; Dunn & Son, Broadway Depot, for structural steel; Emory Construction Co., Arnstein Bldg., for employees' cottages; Grinnell & Co., Providence, R. I., for steam piping, etc.; Alvord-Burdick & Howson, Engrs., 1417 Hartford Bldg., Chicago, Ill.\*

Tenn., Memphis—City plans installing air compressor, boiler and accessories, increasing water supply by 6,000,000 gals. daily; cost \$75,000. Address The Mayor.

Tex., Amarillo—Luck & Aldridge, Kansas City, Mo., reported has contract for earth dam across Palo Duro Canyon as part of water works improvements.\*

Tex., Boerne—City postponed date of election on \$60,000 water works bonds from September 28 to Oct. 11. Address The Mayor.\*

Tex., Brownsville—City votes Oct. 16 on \$100,000 bonds for water and electric light plant. Address The Mayor.

Tex., Cotulla—City receives bids Sept. 28 for improvements to water works; cost \$25,000. (See Machinery Wanted—Water Works.)

Tex., Hale Center—City let contract to Roy Irick, Plainview, for \$38,000 water works, including 50,000-ft. tank and 100-ft. tower; Devlin Engineering Co., Engrs., Amarillo.\*

Tex., Harlingen—City voted \$10,000 water works bonds. D. W. Schuebach, Sec.\*

Tex., Houston—See Construction News—Roads, Streets, Paving.

Tex., Waco—City voted \$3,500,000 water bonds; will construct dam across Bosque River; V. G. Koch, City Engr.; Floyd, Lochridge & Gillespie, 1813½ Main St., Dallas, Engrs. in charge of work.\*

Va., Fredericksburg—City, L. J. Houston, Jr., City Mgr., will expend \$100,000 for extension to water works; erect 2,000,000-gal. daily capacity filters, pumps and reline reservoir, install pumps and motors; Geo. W. Fuller, Engr., 170 Broadway, New York city.\*

W. Va., Nutter Fort—Town, H. B. Squires, Mayor, receives bids Oct. 4 for installation of water main. (See Machinery Wanted—Water Works.)

### Woodworking Plants

La., Southport—Southport Corp., Inc., J. H. Legendre, Pres., advises, are operating the former plant of Lucas E. Moore Stave Co.\*

Mo., St. Louis—Bly-Moss Furniture Co., 4115 Manchester St., increased capital \$10,000 to \$100,000.

N. C., Asheboro—Asheboro Veneer Co. has rented building, installed veneer manufacturing machinery, furnished by Coe Mfg. Co., Paynesville, Ohio.\*

N. C., Goldsboro—Wayne Furniture Manufacturing Co., Inc., Nick Pulliman, Pres. and Mgr., will erect plant additions, brick and standard mill construction, wood floors, composition roof; install \$20,000 woodworking machinery; will open bids within two weeks' time.\*

N. C., Marion—Anderson Furniture Co., capital \$25,000, incorporated; L. P. Anderson of Marion, W. H. Anderson of Asheville.

Tex., Amarillo—Fakes-Palmer Furniture Co., capital \$50,000, incorporated; W. T. Fakes, C. E. Palmer.

### FIRE DAMAGE

Ala., Birmingham—The H. Wallwork Foundry Co.'s plant at Forty-first St. and Tenth Ave.; loss \$100,000; Alabama Pattern Works, also located in building.

Ala., Mobile—Building occupied by Nack Carriage and Auto Works and the Adam Motor Co.; loss \$100,000.

Ark., Camden—Handle factory owned by Arthur Lelattier; loss \$50,000.

Fla., Palm Beach—Sergeant A. J. Orton's residence, Military Trail.

Ga., Savannah—Transformers of Savannah Electric and Power Co.

In writing to parties mentioned in this department it will be of advantage to all concerned if the Manufacturers Record is mentioned.

Ky., Edmonton—Edmonton Hotel, owned by Miss Blanche Mackey; loss \$10,000.

Ky., Frankfort—Leland G. Banning, sawmill on Murray St.; loss \$20,000; W. S. Bosson, Mgr.

La., Athens—City electric light plant; Byns & Ganzella's garage and Will Barnes' blacksmith shop; loss \$10,000.

La., Cedar Grove (Br. of Shreveport)—Warehouse of Shreveport Grain & Elevator Co., Inc., V. W. Andrews, Sec.-Treas.; loss \$20,000.

La., Homer—Planter Compress Co.'s warehouse, Claiborne Motors Co.'s warehouse, woodwork department of the L. & N. W. Railway shops and other buildings; loss \$700,000.

La., Marion—Cotton warehouse of H. M. Lee.

La., New Orleans—Rogers Printing Co.'s building at 610 Bienville, loss \$20,000, and building occupied by Leon Levy Shoe Finding Co. at 614 Bienville St.

La., New Orleans—Four turpentine tanks at Gulf Naval Stores plant on Bernadotte St., loss \$30,000.

La., Pineville—W. H. Bradford's residence near Louisiana College; loss \$40,000.

Md., Baltimore—P. J. Ward Co.'s hat factory at 933 W. Baltimore St.

Miss., Southport—Naval stores plant of Joe W. Williams; loss \$7000.

Miss., Union—H. M. Snowden's residence.

Mo., Mansfield—Depot of St. Louis-San Francisco Rwy. Co., F. G. Jonah, Ch. Engr., St. Louis.

N. C., High Point—Fred Creasey's residence, Fairfield Rd.

S. C., Madden, Mail Laurens—R. A. Timmerman's residence.

Tenn., Athens—John Wallace's residence, North Athens.

Tenn., Monteagle—Auditorium building of Monteagle Assembly; loss \$50,000.

Tex., Colorado—Smith & Griffin Garage, Chestnut and Second St.; building owned by Mrs. Anna Dobbs.

Tex., Dallas—Southwest Baking Co., Elm and Walton St.; loss \$20,000.

Tex., Denton—A. L. Milam's residence, Bernard St.

Tex., Glen Rose—Sunshine Grocery, Bradford Restaurant, Darnaby Grocery, Gilmore Barber Shop; loss \$18,000.

Tex., Hillsboro—Browning Flats, owned by Poindexter heirs, of Dallas & Cleburne, occupied by Walter Fowler Cafe, Central Motor Co. and garage of J. W. Parks, Jr., on first floor with rooming house above; loss \$20,000.

Tex., Huntsville—Stores of Sam Roark, S. S. Dolive and J. V. Dolive, at Snowtown, near Huntsville.

Tex., San Antonio—Two buildings and water-pumping plant of West Texas Military Academy, in Alamo Heights; J. W. Culver, dean.

Tex., Waco—B. G. McKie Grain Co.'s plant at 426 Peach St.; loss \$18,000.

Va., Galax—Edwards Chair Factory; loss \$15,000; owned by Maurice and Barnett Edwards.

Va., Wise—Dr. Wm. H. Bruce's residence, owned by W. A. Roberts; loss \$7000.

dress Z. A. Stewart, 118 Newton Ave. See Machinery Wanted.\*

Ark., Pine Bluff—First Baptist Church, J. R. Allen, Chmn. Bldg. Comm., has low bid from E. C. Royce, Citizens Bank Bldg., for \$50,000 to \$75,000 Sunday school; Jas. E. Greene, Archt., 1001 Bankers Bond Bldg., Birmingham, Ala.

Ark., Prescott—Methodist Church, A. H. Smith, Chmn., contemplates remodeling building.

Ark., Siloam Spring—First Baptist Church erect \$15,000 Sunday school annex. Address The Pastor.

Fla., Miami—Holy Cross P. E. Church, 121 N. E. 36th St., has \$12,000 permit for remodeling building. Address The Rector.

La., New Orleans—Touro Synagogue erect \$75,000 community center and educational building, Gen. Pershing St. and St. Charles Ave.; 2 stories, reinforced concrete and brick, steam heat; Nathan Kohlman, Archt., Godchaux Bldg.

Md., Baltimore—St. Theresa of the Infant Jesus Church, Rev. Thos. J. Wheeler, Pastor, has permit for stone chapel, Brendon Ave. and Belair Rd.

Mo., Webb City—First Church of the Nazarene, Austin and Webb Sts., Rev. J. Scott Blystone, Pastor, 112 S. Ball St., plan to start work Nov. 1 on \$10,000 building; native stone, 1 story and basement, 40x50 ft., yellow pine floors, stone foundation, asbestos shingle roof; furnishings, equipment, etc., \$2000; plans by Rev. Mr. Blystone; T. H. Tarrent, Engr., 334 S. Hall. See Machinery Wanted.\*

N. C., Rocky Mount—North Rocky Mount Baptist Church, Rev. T. E. Walters, Pastor, erect 2-story brick Sunday school; 3 assemblies, 19 classrooms.

N. C., Rocky Mount—First Methodist Church, Rev. C. K. Proctor, Pastor, erect Sunday school; convert present church and Sunday school into main auditorium; cost \$125,000 to \$150,000.\*

N. C., Rocky Mount—Falls Primitive Baptist Church plans building. Address The Pastor.

Okla., Ada—First Baptist Church plans to complete building; cost \$50,000. Address The Pastor.

Tenn., Chattanooga—Rev. W. T. McMahan, Moody Bible Inst., interested in new Baptist Church, North Chattanooga; probably be called Calvary Baptist Church; erect building.

Tenn., East Lake, Chattanooga—East Lake M. E. Church, South, Rev. J. E. Anderson, Pastor, erect building, 37th St. and Avenue L.

Tenn., Rutledge—Central Point Church, J. A. Greenlee, member, plans to remodel building.

Tex., Alamo—Nazarene Church, Mrs. S. C. Anderson, interested, erect building.

Tex., Brenham—Mt. Rose Baptist Church, Rev. W. S. Barber, Pastor, has charter; will erect building.

Tex., Amarillo—Sacred Heart R. C. Church, 16th and Travis Sts., Rev. Thos. D. O'Brien, Pastor, plans \$250,000 building; brick, stone, steel, fireproof.

Tex., Brownsville—First Presbyterian Church, Rev. Mr. Day, pastor, erect \$60,000 building; reinforced concrete, brick and stone, 2 stories, concrete and hardwood floors, reinforced concrete foundation, tile roof; Kelwood Co., Inc., Archt., 903 Travis Bldg., San Antonio. See Machinery Wanted.\*

Tex., Houston—Central Presbyterian Church, 1616 Fannin St., Rev. J. Elmer Ferguson, Pastor, call for bids in few days for building, Montrose and Bethea Sts.; Colonial type, reinforced concrete, brick and stone, 89x128 ft.; Endress & Cato, Archts., Bankers Mortgage Bldg.\*

Tex., San Antonio—Italian Catholic Church, care A. Altobelli, 929 W. Magnolia St., has low bid at \$40,428 from Falbo Bros. for building, Morales St. near Laredo St.; 1 story and part basement, brick, hollow tile and concrete; Richard Vander Straten, Archt., Travis Bldg.\*

Tex., Shamrock—First Methodist Church receives bids Sept. 30 for building; also bids for completing exterior walls with building closed in; W. C. Meador, Archt., Dan-Wagoner Bldg., Fort Worth; plans from Rev. W. E. Hamilton.\*

Va., Richmond—Immanuel Baptist Church has \$13,000 permit to remodel building. Address The Pastor.

Va., Richmond—Second Baptist Church, John Bagby, Chmn. Bldg. Com., receives bids Sept. 28 for Sunday school and parish house, 7 W. Franklin St.; cost \$150,000, accommodate 1200.\*

## BUILDING NEWS

### BUILDINGS PROPOSED

#### Association and Fraternal

Ala., Bessemer—Myrtle Linton Lodge, No. 130, K. of P., and Bessemer Lodge, No. 109, I. O. O. F., erect joint lodge building.

Ark., Little Rock—Young Men's Christian Assn., J. B. Withee, Gen. Sec., Fifth and Scott Sts., selected Mann & Stern, A. O. U. W. Bldg., as archts. for \$400,000 building, Sixth St. and Broadway.\*

Fla., Vero Beach—Labor Unions plan \$30,000 Labor Temple, Osceola St. near 16th St.

Fla., Tampa—Young Women's Christian Assn. selected Franklin O. Adams, 510½ Franklin St., as archt. for 7-story building, 601 Twigg St.; cost \$750,000; swimming pool.\*

Mississippi—Benevolent Protective Order of Odd Fellows, J. R. Howarth, Grand Master, West Point, plan establishing old folks' home.

Miss., Yazoo City—American Legion, Commander Willett, plans clubhouse.

N. C., Charlotte—J. Wilson Smith, State Sec., Young Men's Christian Assn., advises Charlotte Y. M. C. A. does not contemplate new building as lately reported.\*

Tenn., Cumberland Gap—Daniel Boone Post, American Legion, Otis M. Sanders, L. M. U., Commdr., plans building.

Texas—Texas Dept. American Legion, erect auditorium to seat 10,000; city not selected; 400x250 ft., 100 ft. high; O. H. Atkinson, Archt., W. T. Waggoner Bldg., Fort Worth.

Tex., San Benito—Society of the Forty and Eight, American Legion, L. F. Bolling, Commdr., plans clubhouse.

#### Bank and Office

Ark., Searcy—Union Trust Co. remodel building; composition roof, cut stone, tile and hardwood floors, plate glass, steam heat; 20 offices on second floor; Chas. L. Thompson, Archt., 504 Home Ins. Bldg., Little Rock; plans complete.

La., Baton Rouge—Capital Building & Loan Assn., Box 136, O. M. Thompson, Sec.-Treas., having plans drawn by Jones, Roessle & Olschner, Maison Blanche Bldg., New Orleans, for \$30,000 brick and hollow tile office building; 1-story, 32x96 ft.; furnishings, equipment, etc., \$5000. See Machinery Wanted.\*

La., Hammond—F. L. Pantall erect 2-story brick addition to building occupied by Hammond State Bank; soon select architect.

Mo., University City, St. Louis—Bank of

University City, Luther T. Ward, Pres., erect 3-story building, Heman Ave. and Delmar Blvd.; Classic type, stone; 48 offices, 3 stories and banking quarters; Bonsack & Pearce, Inc., Archts., 411 Olive St., St. Louis.

N. C., Charlotte—Charlotte Law Building, Inc., Plummer Stewart, Chmn. Bldg. Comm., Law Bldg., call for bids about 33 days on new Law Bldg., Courthouse Square; 6 or 12 stories; Louis H. Asbury, Archt., 1514 E. Fourth St.\*

Tenn., Shelbyville—U. W. Gunter erect fireproof office building, West Side Square, to replace burned structure; 4 stories, about 90x75 ft., concrete and terrazzo floors; plans not drawn. See Machinery Wanted.\*

Tex., Austin—Ernest Nalle and associates, care Nalle Lumber Co., 601 E. Sixth St., have plans ready about 10 days for \$500,000 store and office building, Eighth and Congress Sts.; 10 stories and basement, brick, stone and reinforced concrete, 161x88 ft., fireproof; 210 offices; Endress & Cato, Archts.; Robt. J. Cummins, Struct. Engr., both Bankers Mortgage Bldg., Houston.\*

Tex., Beaumont—Forest Lawn Memorial Park, Box 545, E. D. Leach, Pres., having plans drawn by Livesay & Wiedemann, 607 San Jacinto Life Bldg., for administration building at cemetery, Collier's Ferry road; also erect \$500,000 granite, marble and bronze abbey, 2 dwellings and garages and community mausoleum.\*

Tex., Beaumont—American National Bank, Ed. Stedman, Chmn. Bldg. Comm., selected J. Ruskin Bailey, 1606 Main St., Houston, as architect for bank and office building, Orleans St., near Crockett St.; reinforced concrete, brick and stone, 10 stories, 50x140 ft.\*

Tex., Brenham—Germania Mutual Aid Assn., Geo. Nen, member, Bldg. Comm., erect brick office building.

Tex., Laredo—A. M. Bruni plans \$225,000 office building; brick, steel and concrete, 5 stories.

Tex., McAllen—M. R. Nelson erect fireproof office building to house offices of Western Union Telegraph Co.

Tex., Pearsall—Pearsall National Bank, Geo. Beever, Pres., contemplates brick and reinforced concrete building; 22x60 ft., 1 story.

#### Churches

Ark., El Dorado—First Christian Church, N. Washington St., erect \$75,000 building; brick and stone, 2 stories, concrete and stone foundation, tile roof; furnishings, equipment, etc., \$25,000; archt. not selected. Ad-

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Va., Richmond—Grace Memorial P. E. Church, Rev. Carleton Barnwell, Rector, and St. Paul's P. E. Church will merge; erect church on Fort Hill.

### City and County

Ark., Pine Bluff—City Council erect fire station; Frank Reed, Archt.; bids opened.

Fla., Lake Worth—City votes Oct. 19 on \$600,000 bonds, including \$20,000 for rest rooms and lavatories in city park, \$110,000 for municipal auditorium, Lake and Lucerne Aves., and \$150,000 for improvements to city park and casino.\*

Fla., Largo—Pinellas County Board of Commrs., Clearwater, probably start work within 60 days on infirmary and detention home, Missouri Ave. and Ulmerton Blvd., near Largo.

Fla., Tampa—Hillsborough County votes Oct. 19 on \$1,500,000 courthouse bonds; 14 stories, site present structure.\*

La., Bossier City—Town receives bids Sept. 27 (extended date) at office Jones, Roessle, Olschner & Wiener, Archts., Ardis Bldg., for brick town hall, fire station and jail building; cost \$50,000; 2 stories, composition roof, cement and wood floors, plastered interior.\*

La., Coushatta—Red River Parish Police Jury votes Sept. 28 (latest noted Sept. 21) on \$150,000 courthouse and jail bonds; Herman J. Duncan, Archt., 120 Murray St., Alexandria.\*

La., Crowley—Acadia Parish Police Jury, J. G. Medlenka, Pres., install new tile, copper or composition roof on courthouse; cost about \$15,000; Wm. R. Burk, Archt., Balter Bldg., New Orleans.

La., Lafayette—Lafayette Parish Police Jury, Geo. Crouchet, Sec., receives bids Oct. 21 for 3-story and tower reinforced concrete and steel, brick and terra cotta fire-resisting courthouse and jail; concrete and tile floors, reinforced concrete on pile foundation, plastered interior, 2 elevators; Wm. T. Nolan, Archt., Canal-Commercial Bank Bldg., New Orleans, La., and Lafayette; separate bids for building proper, for heating and plumbing and for jail work; following contractors estimating: Richard McCarthy, Canal-Commercial Bldg.; Caldwell Bros., 816 Howard Ave., both New Orleans; W. G. Quick; Knapp & East, both Lake Charles.\*

La., Marksville—Avoyelles Parish Police Jury erect \$240,000 courthouse; 4 stories, concrete, tile and wood floor; Barrett specification; roof; Herman J. Duncan, Archt., 120 Murray St., will have plans complete in 30 or 60 days.\*

Md., Federalburg—Town Commissioners and fire organization erect hollow tile municipal building.

Mo., St. Louis—Board of Police Commrs. having plans drawn by Mauran, Russell & Crowell, Chemical Bldg., for Police Headquarters and Central District Station Bldg., 12th Blvd. and Clark St.; gray Bedford stone, American type, 219x138 ft., 6 stories, including mezzanine; basement connected with present city jail by underground tunnel; elevators, showers, men's cells on second floor; women's cells, isolation ward, etc., on fourth; 3-story, 140x140-ft. Armory Bldg. to contain garage, classrooms, rifle range, showers, lockers, etc.\*

Mo., St. Louis—Board of Public Service, E. R. Kinsey, Pres., plans \$1,000,000 Service Bldg., site of old morgue; morgue on first floor; fire station, garage and power plant.

Mo., St. Louis—Board of Public Service, E. R. Kinsey, Pres., Room 304, City Hall, receives bids Sept. 24 (latest noted Sept. 21) for reptile and small mammal building at Zoological Garden, Forest Park; cost \$125,000, Spanish type; plans, specifications, form of contract, etc., from office Pres.; plans by John E. Wallace, architect for Zoological Board of Control.\*

N. C., Charlotte—City Commission, Claude A. Cochran, City Atty., selected Wm. H. Peeps, Latta Arcade, as architect for remodeling auditorium into theater and civic center; cost about \$142,000.\*

Tex., Beaumont—City votes Oct. 16 on \$1,250,000 bonds, including \$300,000 for city hall and auditorium, \$100,000 for police station and jail, \$150,000 for fire stations and \$25,000 for market.

Tex., Dallas—Dallas County Commissioners' Court erect fireproof Hall of Records, Main and Jefferson Sts.

Tex., Sweetwater—Mayor John J. Ford and City Council receive bids Sept. 28 (latest noted Sept. 25) for auditorium and city hall building and 2 fire stations; cost \$160,000, fireproof, brick, stone, steel and reinforced concrete, Mission type, 2 stories;

plans and specifications from Page Bros., Archts., 348 Austin Nat. Bank Bldg., Austin.\*

### Dwellings

Ala., Birmingham—Sam Rosina erect \$10,000 residence, 529 Tenth Ave. South.

Ala., Birmingham—Wood & Leslie, Inc., Jas. H. Leslie, Sec., 211 N. 22d St., plan number dwellings and retail commercial buildings during coming year.

Ala., Ensley—J. E. Dickson, care P. S. Mewhinney, Archt., 1014 Woodward Bldg., Birmingham, opens bids Oct. 1 for 2-story frame Colonial residence, Ensley Highlands; 39x28 ft., select red oak floors, composition shingle roof.\*

Ala., Opelika—Jim Frazier erect residence, Third Ave. and N. Third St.

Ark., Jonesboro—Homebuilders Corp. erect 5 or 6 dwellings, Hollywood addition.

Ark., Little Rock—Russell Lafferty, 131 Fairview St., erect \$10,000 residence and garage, 21 Crystal Ave.; brick veneer.

Ark., Little Rock—Joe Stortz, care Crescent Jewelry Co., erect native stone and stucco residence, Midland Ave.; 2 stories, 32x83 ft., 2 baths, wood shingle roof, hardwood floors, garage and servants' quarters, steam heat; H. Ray Burks, Archt., 307 Home Insurance Bldg.; bids in.

Ark., Melvern—C. W. Strauss erect frame residence; 2 stories, 10 rooms, 3 baths, shower, tile and hardwood floors, Johns-Manville asbestos shingle roof, garage and servants' quarters; Chas. L. Thompson, Archt., 504 Home Insurance Bldg., Little Rock; plans complete.

Ark., Newport—R. V. Hooker erect Spanish type residence; 2 stories, tile floor, built-in features, garage and servants' quarters; H. Ray Burks, Archt., 307 Home Insurance Bldg., Little Rock; about ready for bids.

Fla., Hialeah—Julio Quetglez, 19 N. W. Fifth St., and A. M. Menocal erect 20 dwellings and 8 1-story stores, vicinity Ninth St. and Seminole Ave.; total cost \$75,000 to \$100,000; financing by Miami Leah Realty & Insurance Co., Inc., all Miami.

Fla., Jacksonville—G. Smith erect \$10,000 residence, Talbot St. and Orange Park Rd.; 2 stories, stucco.

Fla., Miami—Walco M. Ward erect 3 dwellings, 3322-38 S. W. Ninth St.; total cost \$12,000; Wm. Bordenau, Archt.

Fla., Miami—Fred Bots, First Natl. Bank Bldg., erect residence, S. Moorings Way.

Fla., Ocala—P. L. Rackley erecting residence, Oak Ridge subdivision, North Ocala.

Fla., Sarasota—Mrs. A. L. Bossart erect 100 dwellings on 1-acre plots; each to be provided with poultry-raising outfit.

Fla., St. Petersburg—Grady Swope, Pres., Grady Swope Realty Co., Bonita Arcade, erect 25 dwellings, Washington, Terrace.

Ga., Atlanta—A. H. Harper, 1110 Springdale Rd., erect \$20,000 residence, 1462 Ponce de Leon Ave. N. E.

Ga., Atlanta—Mrs. Gussie B. Ivey erect 2 brick veneer dwellings, 784-88 Argonne Ave. N. E.; 2 stories.

Ga., Atlanta—G. M. & G. P. Norris, Forsyth Bldg., erect 2 brick veneer dwellings, 969-73 Rosedale Rd.; 2 stories; total cost \$14,000.

Ga., Macon—S. E. Odom, 513 Napier St., erect 9 brick veneer dwellings, Buford Place, and 3 on DeSoto Place; total cost about \$71,000.

Ky., Louisville—M. J. Murphy, 1020 Bardstown Rd., erect \$35,000 dwelling, 1645 Spring Drive.

Ky., Louisville—C. Robert Peter, Fifth and Liberty Sts., erect 9 dwellings, 118-28 N. 40th St. and 901-07 McCready Ave.; cost \$3500 each.

Ky., Mayfield—Dr. E. A. Stevens erect \$18,000 brick veneer residence; 2 stories and basement, 60x45 ft., composition shingle roof, oak floors, tile bath, hot water heat, garage; Estes W. Mann, Archt., 203 Cotton Exchange Bldg., Memphis, Tenn.

La., Natchitoches—C. V. Cook contemplates residence.

La., New Orleans—Henry A. Flonacher, 10 Newcomb Blvd., ready for bids about 10 days for residence, Audubon Place and Freiret St.; tile roof and baths, plastered interior; Weiss & Dreyfous, Archts., Maison Blanche Bldg.\*

La., New Orleans—F. M. Repass, 2119 General Pershing St., plans residence, State Street Drive.

La., New Orleans—Jos. M. Vallee, 2215 Robert St., contemplates residence, Fontainebleau Drive.

La., New Orleans—A. H. Ehrnsing, 1124 Peniston St., completed plans for 1-story and basement residence, S. Claiborne Ave. near Napoleon Ave.; frame and stucco.

La., Shreveport—Miss Ettie Roemer erect \$15,000 residence, 613 Linden St.

Md., Baltimore—Harry F. Page, Bldr., 304 Ilchester Ave., erect dwelling, 623 Ravenswood Ave., Govans.

Md., Baltimore—Robinson & Slagle, Inc., 1103 American Bldg., erect 17 to 20 dwellings, Roland and Belvedere Aves.; 3 stories, 40x30 ft., stone foundations, slate roofs; cost \$18,000 each; R. C. Hunter & Bro., Archts., 501 Fifth Ave., New York. See Machinery Wanted.\*

Md., Baltimore—Gonnson Construction Co., 3810 Hillsdale Rd., erect 27 brick dwellings, N. side 32nd St. near Chestnut Ave.; 2 stories; total cost \$60,000.

Md., Baltimore—John J. Kirkness, Bank St. and Broadway, erect 14 brick dwellings, N. side Manchester Ave. S. of Beaufort Ave.; 2 stories; total cost \$42,000.

Md., Baltimore—Chas. W. Sees, 2126 Mt. Royal Terrace, purchased tract, north side Severn River at Whitney's Landing, plan 10 bungalows in Spring.

Md., Frederick—Chas. Brunk erect \$20,000 brick bungalow.

Md., Rockville—Hite Miller, 1416 F St., N. W., erect \$45,000 Colonial residence; hollow tile and stucco, 2½ stories, 60x35 ft.; A. P. Clark, Jr., Archt., 816 Fourteenth St., N. W., both Washington, D. C.

Miss., Crystal Springs—Theo. Cottingham erect residence.

Mo., Clayton, St. Louis—M. Hackett erect \$12,300 brick residence, Maryland Terrace; 27x55 ft.

Mo., Clayton, St. Louis—M. B. Scanlon, 6232 Rosebury St., erect \$35,000 brick residence, Fair Oaks; 45x58 ft.

Mo., Clayton, St. Louis—J. P. Stoke, 6726 Olive St. Rd., erect \$10,000 brick residence, Schulte Rd.; 40x42 ft.

Mo., Kansas City—L. G. Mellinger, care Mellinger Tire & Rubber Co., 1701 Grand Ave., purchased homesite, Romanelli Gardens.

Mo., Springfield—H. C. Turk, 705 S. Fremont St., erect brick veneer residence, 707 S. Fremont St.; cost about \$10,000.

N. C., Charlotte—T. C. Wilson, 2063 E. Seventh St., erect brick veneer and stucco residence, 2135 Greenway St.; 6 rooms; cost about \$10,000.

N. C., Durham—J. Franklin Barfield, Watts St., erect brick veneer residence, Club Blvd.; cost about \$10,000; 8 rooms.

N. C., Durham—P. M. Sawyer, Green St., erect 3 dwellings, Green St.; cost \$8000 each.

N. C., Gastonia—Earl E. Groves erect 7-room residence, Forest Hills; F. L. Bonfoey, Archt., 6 N. Tryon St., Charlotte, to let contract in few days.

N. C., High Point—Fred N. Tate, Pres., Continental Furniture Co., plans residence, Emerywood.

N. C., Winston-Salem—J. J. Currin, Brooketown Rd., erect 7-room residence, Virginia Rd.; cost about \$10,000.

Okla., Oklahoma City—John Eldridge erect \$11,000 residence; Bailey & Alden, Archts.

S. C., Ninety-Six—Ninety-Six Cotton Mill, Jas. C. Self, Pres., wires: "J. E. Sirrine & Co., Greenville, preparing plans for doubling present plant; will erect 100 to 150 additional homes for operatives; contracts will be let soon as possible after plans completed."

S. C., Spartanburg—L. L. McDowell, R. H. Hines, 160 Thomas St., and W. S. Tuck erect 17 dwellings, Pinckney Court; majority brick veneer.

Tenn., Chattanooga—Joe L. Curtis erect residence, Houston St. near Battery Place; 8 rooms.

Tenn., Chattanooga—J. S. Mitchell, 17 E. Eighth St., erect 2 dwellings Vine St. and 2 Oak St.; 6 rooms; total cost about \$15,000.

Tenn., Humboldt—G. W. Craddock erect \$12,000 brick veneer and field stone residence; 1-story and basement, 45x65 ft., composition shingle roof, oak floors, tile bath, hot water heat, garage; Estes W. Mann, Archt., 203 Cotton Exchange Bldg., Memphis.

Tenn., Memphis—H. M. Hall, 801 Central Bank Bldg., contemplates 2 additional dwellings, Hall Wood Crest; brick veneer, 1-story and basement, composition shingle roofs, oak floors, tile baths, hot water heat, garages; cost about \$10,000 each.

Tenn., Memphis—Frank F. Hill & Co., 164 Madison Ave., contemplates 16 dwellings, Jefferson Ave. and Claybrook St.; brick

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vener and stucco, 1 and 2 stories and basement, composition shingle roofs, oak floors, tile baths, steam and hot water heat, garages; total cost \$100,000.

Tenn., Memphis—R. Kupferschmidt, 163 Linden Ave., erect 3 dwellings near Raleigh Rd., Kupferschmidt subdivision; brick veneer, 1-story and basement, 5 and 6 rooms, oak floors, tile baths, hot water heat.

Tenn., Memphis—J. S. Norman, care J. Fraser Smith & H. M. Burnham, Archts., Goodwyn Inst. Bldg., erect \$25,000 residence, Chickasaw Gardens; brick veneer, 2 stories and basement, 42x56 ft., oak floors, tile baths, steam heat, garage and servants' quarters.

Tenn., Memphis—Wm. White & Co., 25 S. Second St., contemplates \$15,000 duplex, Hein Park; brick veneer, 2 stories and basement, about 60x40 ft., composition shingle roof, oak floors, tile baths, steam heat, garage.

Tex., Beaumont—E. D. Leach, Pres., Forest Lawn Memorial Park Co., having plans drawn by Livesay & Wiedemann, 607 San Jacinto Life Bldg., for residence.\*

Tex., Dallas—W. M. Jackson, 2412 Worthington St., erect 6 duplexes, 2424-26 Worthington St. and 2801-14 Jackson Court; 6 rooms, frame; total cost \$18,000.

Tex., Dilley—E. E. Kellar, care Temple Lumber Co., erect residence, Dillard Addition.

Tex., Edinburg—M. McIlhenny, Closner Blvd., opens bids in Oct. for concrete, brick and tile residence; 2 stories, hardwood floors, concrete foundation, tile roof; cost \$25,000; furnishings, equipment, etc., \$10,000. Address R. L. Vogler, Archt.\*

Tex., Harlington—L. R. Hollingsworth receives bids Sept. 27 for brick and hollow-tile Colonial residence; 2 stories, brick and hollow tile, cost \$20,000; Harvey P. Smith, Archt., Nat'l Bank of Commerce Bldg., San Antonio.\*

Tex., Houston—L. W. Babbitt, Chronicle Ave., erect \$13,750 duplex, 1404 Rosedale Ave.; 2 stories.

Tex., Houston—D. O. Miller, 2011 Dunston St., erect 10 dwellings, 1000 block Norfolk St.; 7 rooms; cost \$7750 each.

Tex., Houston—Johnson & Gustavson erect \$11,000 dwelling and garage, 2501 Blodgett St.; brick veneer, 8 rooms.

Tex., Houston—Woodson Realty Co., 914 Franklin St., erect 2 frame dwellings and garages, Lawndale addition; cost \$6000 each, 6 rooms.

Tex., Houston—H. Kelso erect brick veneer residence, Jackson and Wentworth Sts.; 5 rooms; Chas. P. Jones & Co., Archts., Binn Bldg.

Tex., Houston—R. P. Williams erect 3 dwellings, 1605-29-53 Bonnie Brae St.; 2 stories, 7 and 8 rooms, brick veneer; total cost \$21,800.

Tex., Houston—Geo. N. Copley, 7505 Broadway St., erect \$30,000 residence, 5320 Shadowlawn St.; frame and stucco, 10 rooms, 3 baths.

Tex., San Antonio—P. L. Mannen, 1023 W. Magnolia Ave., erect hollow-tile and stucco residence, 300 block Bushnell; Altie B. and Robt. M. Ayres, Archts., Bedell Bldg.

Va., Richmond—Alice B. Cooke, 3110 Kensington Ave., erect \$11,000 brick residence, 4112 Park Ave.; \$600 garage.

W. Va., Wheeling—Wm. J. Beneke, 2328 Chapline St., erect \$10,500 residence and garage, Springhaven Ave.

### Government and State

Fla., Tampa—Treasury Dept., Jas. A. Wetmore, Act. Supervising Archt., Washington, D. C., erect parcel post station foot of Lafayette St. viaduct; about 100,000 sq. ft. floor space; Dept. also reported approved plans for \$450,000 addition to post office, which will probably be completed within 2 years.

N. C., Siler City—L. L. Wrenn erect building to be leased to Government for post office; brick, 11,000 sq. ft. floor space.

### Hospitals, Sanitariums, Etc.

Ark., Hot Springs National Park—Sisters of Mercy, Sister Bernard, Mother Superior, probably open bids Sept. 23 for St. Joseph's Infirmary building, site present structure, Whittington Ave.; cost \$750,000; steel and concrete, T shape, 5 stories, 275x40 ft. and 150x50 ft., two 1-story extensions for kitchen and laundry, 3 elevators, 135 rooms, 9 ward rooms, operating, X-ray rooms, etc.; Henry

P. Hess, Archt., 1237 N. Taylor St., St. Louis.\*

Fla., Miami Beach—Mahi Temple, A. O. O. N. M. S., John B. Orr, illustrious Potentate, probably start work in Jan. on \$100,000 Mahi Temple Hospital for Crippled Children, Allison Rd. and Indian Creek; center section 2 stories, remainder 1 story; Klehnel & Elliott, Archts., Seybold Bldg.\*

Miss., Biloxi—City erect \$200,000 fireproof hospital, Dr. B. Z. Welch, Pres. of hospital staff; reinforced concrete and brick, 4 stories, 1 elevator, with provision for additional elevator; 100 beds; Carl A. Matthes, Archt., Gulfport.\*

Miss., Quitman—Quitman Development Club, Dr. B. F. Hand, Promoter, contemplates hospital.

Mo., Sedalla—Missouri State Fair Board of Directors erect \$60,000 administration building south of women's building; 3 stories and part basement.

N. C., Durham—Watts Hospital, Broad St., Nina P. Davison, Supt., receives bids Sept. 24 for 3-story addition; steel and reinforced concrete frame and floors, hollow walls, stucco exterior, tile roof, terrazzo and oak floors, concrete foundation, cost \$100,000 to \$125,000; furnishings, equipment, etc., \$25,000; Atwood & Nash, Inc., Archts.; T. C. Atwood, Engr., both Chapel Hill. See Machinery Wanted. Address Archts.

N. C., Salisbury—Rowan County votes Sept. 21 on \$350,000 hospital bonds.

Okla., Enid—University Hospital, S. W. Mayberry, Owner, erect \$40,000 addition; 3 stories and basement, 48x60 ft.; R. W. Shaw, Archt.

Tex., San Antonio—P. & S. Hospital Corp. having plans drawn by Phelps & DeWees, Gunter Bldg., for \$750,000 fireproof hospital, Richmond Ave.; Spanish type, stone or brick, 5 stories, 300x150 ft., oak, tile and composition roof, reinforced concrete foundation, tile roof; furnishings, equipment, etc., \$100,000. Address John H. Cunningham, Pres., Gunter Bldg. See Machinery Wanted.\*

### Hotels and Apartments

Ark., Little Rock—C. H. Christner, 2005 Gaines St., will erect \$40,000 apartment house at 4601 I St., Pulaski Heights.

Fla., Miami—J. Bernstein erect \$15,000 2-story apartment house at 1752 S. W. Tenth St.; Harry C. Schwebke, Archt.

Fla., Miami—Charles Meyer, 1923 N. W. First Ter., erect \$10,000 apartment house on Euclid Ave.

Miss., Jackson—Mrs. E. H. Magruder, Daniel Bldg., decided not to erect apartment house as reported.\*

Mo., Jefferson City—Central Hotel Co., M. M. Huegel, Mgr., planning to erect \$215,000 10-story, fireproof hotel building, adjacent to present Central Hotel on north and facing Jefferson St.; contain 104 rooms, all with bath and be furnished at cost of \$80,000.\*

N. C., Elizabeth City—W. L. Stoddard, Archt., 50 E. 41st St., New York City, advises in regard 100-guest room, 96x120 ft., 9-story, \$450,000 Virginia Dare community hotel; Plans in contractors' hands, bids to be opened at Elizabeth City October 8.\*\*

N. C., Jefferson—J. F. Kuykendall, Ardmore St., Winston-Salem, and Dr. Henry Froehling, 1800 Hanover Ave., Richmond, reported have completed plans by Benton & Benton, Archts., Wilson, for hotel at Shattley Springs; cost \$200,000 to \$300,000 completed, initial expenditure \$75,000.\*

N. C., Southern Pines—Tolbert Johnston, Aberdeen, will confer with Frank H. Anderson, Vice-Pres. and Gen. Mgr. of Continental-Leland Corp., 25 E. 43d St., New York, regarding erection of tourist hotel.

Okla., Oklahoma City—F. W. Staas, 1633 Alice St., erect apartment house at 215 W. Avenue C, cost about \$10,000.

Okla., Woodward—Baker Hotel has plans by Layton, Hicks & Forsythe, Archts., Braniff Bldg., Oklahoma City, for brick addition.

Tenn., Chattanooga—T. A. Key, 124½ E. Ninth St., erect \$10,000 18-room, 2-story tenement, Grove between 13th and 14th Sts.

Tex., Brenham—Anthony Hotel Co., Mrs. A. A. Hacker, Pres., Mrs. Mary D. Ross, Vice-Pres., and A. A. Hacker, Sec.-Treas., formed to erect hotel building on site of present Anthony Hotel.\*

Tex., Dallas—A. J. Howard, 5214 Miller St., erect \$12,000, 16-room, brick veneer, 4-apartment house, 5700-2 Llano St.

Tex., Galveston—Andrew Fraser, Archt., 633 Patterson Ave., Austin, completed plans, specifications under way for \$300,000 Jean

Laffite community hotel building; 204 rooms each with bath.

Tex., Houston—F. E. Apling erect \$13,000 frame, brick veneer, 4-apartment house with garage, 4114 Caroline St.; 3 rooms and both each.

Tex., Houston—H. S. Bates, 1632 Hawthorne St., erect \$18,000 brick veneer, 4-apartment house with garage, 20 Byrne St.

Tex., Shamrock—D. B. and W. R. Walker plan construction of \$70,000, 3-story, Spanish style, brick, stone, reinforced concrete hotel building; 66 rooms, 36 baths.

Va., Williamsburg—W. A. Bozard, owner old Colonial Hotel, will erect 16-room addition.

W. Va., Moundsville—Everett E. Koontz erect \$30,000 brick apartment house on Second St.

### Miscellaneous

Ala., Birmingham—Piccadilly Cafeteria Co., Inc., care E. C. Krug, 816 Conroy Road, has leased property at 108 N. 20th St., start work Nov. 1 on extensive remodeling, for cafeteria; cost \$50,000, equipment and furnishings \$25,000 to \$35,000; 2 stories, brick, 40x100 ft.; Miller & Martin, Archts., Title Guarantee Bldg.; J. A. Lewis, Engr., care Archts.\*

La., New Orleans—Anthony Denapolis, 7829 Belfast St., will remodel building at 613 Royal St. for restaurant.

La., New Orleans—Society Prevention Cruelty to Animals, Peter Gluck, Sec., 1713 Carondelet St., receives bids until Oct. 1 for \$10,000 brick building, provide office space, animal shelter, enlarged dog pound and clinic; A. S. Montz, City Archt., City Hall.

Tenn., Knoxville—Knoxville Business & Professional Women, Mary A. Elliott, Sec., Chamber of Commerce, planning to erect 1-story, about 60x80-ft., rustic clubhouse at Kinzel Springs; hardwood floors, rock foundation, composition roof; Archt. not yet selected. [See Machinery Wanted—Plaster Board; Rolling Partitions; Flooring; Roofing (Composition); Limestone.]\*

Tenn., Monteagle—Reau E. Folk, Pres. of Monteagle Assembly, announced plans for rebuilding \$40,000 auditorium, recently burned.

Tex., Abilene—Dan Laughter soon receive bids for erecting \$30,000 2-story, brick and reinforced concrete funeral home.

Tex., Galveston—George W. Bell, Jr., United States Nat'l Bank Bldg., receives bids Sept. 29 for erection of \$225,000 amusement pier and bathers' playground at First St. and Boulevard, to include launch club, pavilion, etc.; also planning to erect \$10,000 to \$15,000 grandstand for automobile racing.

Tex., San Antonio—Porter Loring, 206 Jefferson St., has preliminary sketches in progress by Altie B. and Robt. M. Ayres, Bedell Bldg., for \$100,000, 4-story, brick, hollow-tile, stone and concrete funeral home, Jefferson near Travis St.

Tex., Sweetwater—Business and Professional Women's Clubs, Miss Edna Cordell, Pres., planning to erect club building.

Tex., Weslaco—John Maniatis will remodel cafe to include new front.

### Schools

Ala., Robertsedale—Baldwin County Board of Education, S. W. Thorp, Supt., Bay Minette, planning to erect \$35,000 1-story brick High School building; 210 ft. front, wood floors, concrete foundation, equipment and furnishings cost \$5000; plans by State Board of Education, Montgomery. (See Machinery Wanted—Roofing (Composition); Marble.)\*

D. C., Washington—District Commissioners, Room 509 District Bldg., receive bids until Sept. 24 for construction of retaining walls, etc., at McKinley Technical High School site; information at Room 427 District Bldg.

Fla., Fort Myers—Lee County Board of Public Instruction selected W. O. Sparkin, Box 328, St. Petersburg, and Fort Myers, and N. G. Walker, Archts., prepare plans for 6 new school buildings, as follows: Fort Myers, Tice, Alva, Bonita Springs, Estero and Olga-Idalia.

Fla., Key West—Monroe County Board of Public Instruction, Melvin E. Russell, Supt., selected Hentz, Reed & Adler, Archts., Candler Bldg., Atlanta, Ga., prepare plans for new building.

Fla., Miami—Dade County Board of Public Instruction, Ray L. Hamon, Supt. of Buildings, will let contract in 6 weeks for construction of \$1,000,000 High School building in block bounded by S. W. First and Second Sts., S. W. 24th and 25th Aves.; athletic field,

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gymnasium, swimming pools and physical educational work will be in block across S. W. Second St.; 5 wings with 4 patios between, central portion to be 4 stories, of Grecian architecture; back of main entrance will be auditorium seating 1200, wings adjoining auditorium 3 stories and those at each end 2 stories; Kiehnel & Elliott, Archts., Seybold Bldg.\*

Fla., Port Tampa—Port Tampa Special School Tax District No. 60 votes Oct. 11 on \$25,000 school construction bonds; Hillsborough County Board of Public Instruction, Tampa.

Fla., Zephyrhills—School District contemplates \$30,000 bond election for school additions; address Pasco County Board of Public Instruction, Dade City.

Ga., Athens—Georgia Normal and Agricultural College selected Dennis & Dennis, Archts., 411 Cherry St., Macon, to design \$100,000 brick and stone building; to be built in 3 units, 3 stories high in dormitory units and 1 story in connecting dining hall.

Ga., Atlanta—Board of Education selected G. Lloyd Preacher, Wynne-Claughton Bldg., as Archt. to handle work for new schools provided with bond issue.\*

Ga., East Point—E. R. Gillon, Chmn., Bond Commission, receives bids at City Hall until Sept. 27 for erection and plumbing Grammar school building; plans and specifications may be secured from Wm. J. J. Chase, Archt., 140 Peachtree St., Atlanta, Ga.

Ky., Henderson—Board of Education, Hugh Helm, Chmn. Building and Grounds Comm., receives bids until Sept. 27 for erection \$25,000 to \$30,000 1-story, brick, wood and steel, 90x118 ft., gymnasium; H. C. Boyle & Co., Archts., Evansville, Ind.\*

La., Baton Rouge—Louisiana State University receives bids until Oct. 8 for erection of \$60,000, 3-story, 60x100 ft., brick and reinforced concrete Laboratory Building; asbestos slate roof, plastered interior; Wogan & Bernard, Archts., Title Guaranty Bldg.\*

La., Boyce—Rapides Parish School Board, W. J. Avery, Supt., Alexandria, probably let contract in December for erection of \$150,000 3-story brick school building; frame partitions with plaster on metal lath, house 600 to 800 pupils, including high school department of 200; equipment and furnishings cost \$25,000; Favrot & Livaudais, Ltd., Archts., Hibernia Bank Bldg., New Orleans.\*

La., Shreveport—Clarence W. King, Archt., Giddens-Lane Bldg., complete plans in 60 days for \$200,000 Administration Building for Girls' Baptist College, in Broadmoor; 3 stories and basement, 65x250 ft., fireproof, reinforced concrete, brick, stone trim and stucco, Louisiana Colonial architecture; other buildings to follow are: Three dormitory units, gymnasium, auditorium, science hall, fine arts building, sick ward, open-air stage and pavilion.\*

La., Slidell—Elmer E. Lyon receives bids at office Slidell Sun, until October 15 for alterations and repairs to 3-story brick school building; plans and specifications may be obtained from Wm. T. Nolan, Archt., Canal-Commercial Bldg., New Orleans.

Miss., Biloxi—St. Theresa's School, care Rev. Father Peter Carey, Pastor, has plans by Carl Matthes, soon let contract for school building, Sacred Heart Parish.

Miss., Perkinston—Harrison County Board of Supervisors, Gulfport, considering erection of \$135,000 dormitory at Agricultural High School and Junior College; J. L. Denson, Supt.

Mo., Bloomfield—Bloomfield Consolidated School District Board of Trustees plan to erect \$80,000 High School next year.

N. C., Asheville—Buncombe County Board of Education, A. C. Reynolds, Supt., receive bids at once for construction of \$40,000 6-room Johnson school building, on site of present building; W. H. Lord, Archt., 17½ Church St.\*

N. C., Barnardsville—Buncombe County Board of Education, A. C. Reynolds, Supt. of Schools, Asheville, considering sites for new \$100,000 consolidated high-school building.\*

N. C., Durham—Peace Institute, Dr. D. H. Scanlon of Durham First Presbyterian Church, member of committee, launched plans for \$300,000 drive for endowment and building purposes; T. C. Atwood, Archt., Trust Bldg.

N. C., High Point—School Board, T. Wingate Andrews, Supt. of Schools, soon consider erection of concrete stadium for High School.

N. C., Charlotte—School Board, H. P.

Harding, Supt. of Schools, negotiating for 15-acre tract in Irwin's Park, as site for proposed Fourth Ward Junior High School.

N. C., Hot Springs—Rev. E. Cummings, S. J., of Jesuit Fathers, 1772 Frytania St., New Orleans, La., announced taking over of property for proposed Jesuit College.

Okla., Oklahoma City—Oklahoma City University, Dr. Eugene M. Antrim, Pres., will open drive in January to raise remainder of city's quota of the \$1,000,000 endowment and building fund.

Okla., Poteau—School Board considering erection of school gymnasium.

S. C., Columbia—Dr. E. W. Sikes, Pres. of Clemson College, Dr. H. W. Barre, director of South Carolina Experiment Stations, J. T. McAllister, Agricultural Engr. of Clemson, planning early construction of Sand Hill Experiment Station, near Pontiac in Richland County; first buildings will probably be residence for superintendent, barns and office building.

Tenn., Knoxville—School Board, W. W. Morris, Supt., planning to install heating plant at New Alice Bell school on Millertown section.

Tenn., Knoxville—Board of Education, L. H. Spilman, Pres., opened bids for erecting Park City Junior High and Belle Morris School addition; Gervin & Gervin, 220 W. Clinch Ave., low bidders on Park City, at \$245,000; A. H. Whisman, 422 Front St., low on Belle Morris building, at \$82,300; Walsh & Slattery, low on plumbing and heating for both; Baumann & Baumann, 813½ Market St., Archts. for former; R. F. Graf & Son, Journal Bldg., Archts. for latter.\*

Tenn., Memphis—Dominican Sisters, Vance and Orleans Sts., open bids Sept. 30 for erection of \$140,000 3-story, steel, reinforced concrete, brick, 146x116 ft., college building on campus of St. Agnes' Academy; concrete, mastic and tile flooring, composition flat roof, concrete foundation; Regan & Weller, Archts.-Engrs., 834 Bank of Commerce Bldg.\*

Tenn., Memphis—St. Agnes' Academy, care Sister Louise, contemplates improvements at 697 Vance Ave.; Archt. not selected.

Tex., Austin—University of Texas, Dr. W. M. W. Splawn, Pres., will receive \$1,160,000 from will of W. J. McDonald for erection of astronomical observatory.

Tex., Austin—Independent Order of Odd Fellows, Grand Lodge of Texas, J. M. Pouncey, Grand Master, Alpine, reported planning to erect girls' dormitory, cost about \$400,000, at University of Texas.

Tex., Brenham—School Board and City Comms. considering means of school expansion.

Tex., Gatesville—State Board of Control, H. H. Harrington, Chmn., Austin, receives bids Sept. 24 for erection of \$75,000 1-story, brick, stone, reinforced concrete, fireproof Industrial Building for Juvenile Training School; Milton W. Scott & Co., Archts., 412½ Franklin Ave., Waco.\*

Tex., Sebastian—Board of Education, H. J. Proffitt, Clerk, opens bids in office R. Newell Waters, Archt., Weslaco, on Oct. 5 (postponed date) for erection of 1-story, 6-room and auditorium, brick and reinforced concrete school building.\*

### Stores

Ala., Birmingham—Wood & Leslie, Inc., 211 N. 22d St., plan number retail commercial buildings during year. (See Buildings Proposed—Dwellings.)

Ala., Ensley—Roy Osborn erect 2 stores at 1112 Cotton Ave., to cost \$10,000.

Ala., Gunthersville—Judge Carter has plans in progress by George P. Turner, 1203 American Trust Bldg., Birmingham, for 2-story, brick, 36x100 ft., store building; built-up roof, wood and concrete floors.

Ark., Alma—C. J. Franklin, Van Buren, purchased W. B. Smith Building, will remodel interior, build new plate-glass windows, etc.

Ark., Morrilton—Dr. B. F. Wilson soon let contract for 2-story, brick commercial building, S. Moose St.; private plans.

Ark., Prescott—Thomas C. McRae contemplates erecting commercial building.

Fla., Hialeah—Julio Quetzlex, 19 N. W. Fifth St., and A. M. Menocal; eight 1-story stores, vicinity Ninth St. and Seminole Ave.; financing by Miami Leah Realty & Insurance Co., Inc., all Miami.

Fla., Miami—Mr. and Mrs. R. E. Barnes start work by Oct. 1 on 104x110-ft. building at S. W. cor. Tamiami Trail and 27th Ave.,

to include 11 stores; Petter, Crowther & Fahnestock, Archts.

Fla., Miami—Rockmoor Pharmacy, Inc., erect \$48,000, 2-story, store and apartment building, N. E. Second Ave. and 50th St.

Fla., Mount Plymouth—H. Carl Dann, developer, announced construction of block of English type business houses, cost \$50,000.

Fla., South Jacksonville (Ind. Br. of Jacksonville)—T. K. Akra of Akra Bros., 1938 Main St., will erect \$18,000, 60x100-ft., brick, Spanish-type store building, St. Johns Ave.

Fla., St. Petersburg—L. V. Henry, Orange Ave. N., announced plans for 2-story business block, to house grocery, furniture store, filling station, etc., at Washington Ter. on Haines Road.

Ga., Atlanta—J. W. English erect \$20,000 1-story, brick store building at 903-9 Peachtree St.

Ga., Savannah—Lucelle Millinery, 110 Broughton St., acquired adjoining building, will remove partitions and improve.

Md., Baltimore—N. Sakelos & Co., 3516 Fairview Ave., purchased 184x150 ft. lot on Park Heights Ave., north of Belvedere Ave., reported to erect building containing stores and bowling alleys.

Md., Baltimore—Baltimore Improvement Co., Jas. Carey Martien, Pres., Lexington Bldg., purchased buildings at 105 and 111 W. Franklin St.; plans to replace with business building.

Md., Baltimore—J. Purdon Wright, Maryland Trust Bldg., and associates, acquired dwelling at 9 W. Franklin St.; plans conversion for business purposes.

Mo., Kansas City—Gary M. Baltis, 2509 E. 38th St., acquired N. W. cor. 44th St. and Prospect Ave., will improve with business buildings.

N. C., Charlotte—W. C. McManus, 2005 E. Eighth St., erect \$10,000 58x99 ft., 5-story building at First and McDowell Sts.

N. C., Winston-Salem—Fred A. Fogle, 118 Belevs Creek, soon start work on 4-story building at N. W. cor. Academy and Main Sts.; Hall Crews, Archt., 418 Arcadia Ave.

S. C., Charleston—Belk-Stevens Co., subsidiary of Belk Brothers, E. Trade St., Charlotte, N. C., leased building at 232 King St., reported to remodel and repair.

S. C., Spartanburg—J. E. Dearman, 334 Fulton St., razing home at Walnut and Magnolia Sts., for Carolina National Bank, will develop into vacant business property.

Tenn., Memphis—Hanker & Cairns, Archts., Hill Bldg., preparing plans for commercial building on Front St.; owner's name withheld.

Tenn., Memphis—Marx & Bensdorf, 152 Madison Ave., contemplate erecting brick and concrete commercial building.

Tenn., Nashville—Claude P. Street Piano Co., 168 Eighth Ave. N., leased 3-story building at 717 Church St.; will remodel; \$300,000; include new brick and stone front; Asmus & Clark, Archts., Stahlman Bldg.

Tenn., Sweetwater—G. A. Smith purchased property including old Cumberland Church building, convert into business building.

Tenn., Sweetwater—C. A. Stoner plans to erect 2 brick business buildings on Cumberland Church property.

Tex., Alamo—F. A. C. Colburn, jeweler, will erect new brick building.

Tex., San Benito—H. J. Hinkley and W. B. Sublett, Harlington, have plans in progress by Elwing & Mulhausen, Archts., Harlingen, for \$75,000 2-story, brick and reinforced concrete building, 6 stores on first floor, 50 hotel rooms above.

Va., Richmond—Carl M. Lindner, Archt., State and City Bank Bldg., designed store building to be built at once, at 100 E. Grace St.

W. Va., Martinsburg—J. G. McCrory Co., 1107 Broadway, New York, razing Lambert Building on N. Queen St.; make way for new business building.

### Theaters

Ala., Gunthersville—Woodall & Orr have plans in progress, ready for bids about Oct. 1, for 2-story, brick, 35x100 ft., theater building; steel frame, wood joists, built-up roof, wood, tile and concrete floors; George P. Turner, Archt., 1203 American Trust Bldg., Birmingham.

Ala., Red Bay—J. E. Salle, Archt., 2223 Age-Herald Bldg., Birmingham, soon complete plans for 1-story, basement and balcony theater building for T. A. Wilson; steel frame trusses, built-up roof, concrete floors.

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Tenn., Memphis—George F. Yerger, care George W. Perso, Arcade Bldg., agent, has plans in progress by W. C. Lester, 824 Dermon Bldg., for \$30,000 1-story, brick and concrete theater building, Lamar Ave.; built-up roof, concrete floors, terrazzo floors in lobby, miscellaneous steel.

Tenn., Memphis—Lamar Amusement Co. erect \$21,000 brick and steel theater building at 1716 Lamar Sts.

Tenn., Memphis—New Dixie Amusement Co. erect \$20,000 brick and steel theater building at 985 Jackson St.

Tex., Crystal City—Gus A. Graebner and E. A. Baetz, cashier of Commercial Natl. Bank of San Antonio, planning to erect 2-story brick theater building.

Tex., Perryton—Tom Thompson soon start work on \$25,000 1-story and part basement, 25x140 ft., theater building; concrete foundation, pine floors, tar and gravel roof; E. F. Rittenberry, Archt., 803 Blackburn Bldg., Amarilla. (See Machinery Wanted.)

### Warehouses

Fla., Tampa—William Nelms, broker for Polk county interests, purchased site on E.

Broadway for establishment of wholesale produce business.

Fla., Titusville—L. W. Doolittle planning to erect addition to warehouse for Titusville Transfer Co. this fall.

La., Lake Charles—R. S. McCook, Archt., opened bids for erecting 2-story, fireproof, steel and concrete, L-shaped, 80x60 ft. wholesale warehouse, Broad and Front Sts., for Murray-Brooks Hardware Co., Ltd., 706 Ryan St.; Charles F. Law, Beaumont, Tex., low bidder at \$89,990; W. J. Quick, Lake Charles, next at \$90,000.

Tenn., Memphis—W. W. Fischer, 269 Walnut St., opens bids Sept. 25 for erection of 2-story, 95x130 ft., reinforced concrete warehouse, Linden Ave. and Southern Ry.; concrete foundation, reinforced concrete floors, brick curtain walls, Truscon steel sash, Carey roof; address proposals to Jones & Furbringer, Archts.; Gardner & Howe, Engrs., both Porter Bldg.

Tenn., Memphis—H. M. Pratt erect \$20,000 warehouse at 273-5 S. Front St.

Tex., Houston—Charles K. Horton, 2202 Clay St., reported considering erection of warehouse at Polk and St. Charles Sts.

## BUILDING CONTRACTS AWARDED

### Association and Fraternal

Ark., Russellville—Russ Lodge No. 274, A. F. & A. M., let contract for \$40,000 temple to T. P. Milner; brick and concrete, 2 stories, 70x110 ft., concrete foundation, composition roof; furnishings, equipment, etc., \$5000; Haralson & Nelson, Archts., Merchants Bank Bldg., Fort Smith.

Ga., Homerville—Ancient Free and Accepted Masons let contract at \$16,000 to R. W. Sweat for temple; 2 stories, 50x90 ft.

Mo., St. Louis—Southside Odd Fellows Temple Assn. let contract for \$70,000 temple, 3502 Grace St., to Duffer & Stecker Construction Co., 110 N. Seventh St.; brick, 2 stories, 54x120 ft., composition roof, assembly hall; G. P. Wuest, Archt., Wainwright Bldg.

Tex., Dallas—Salvation Army, Lieut.-Col. White, Commdr., 405 N. Erway St., let contract for \$100,000 Southwestern headquarters bldg., N. Erway and Federal Sts., to Trinity Construction Co., 1320 Masonic St.; plumbing, Levy Plumbing Co., 517 N. Akard St.; electric work, Sherin Electric Co., Inc., 5429 E. Grand St.; steel and concrete, brick and stone, 3 stories, 60x114 ft., H-columns, wood beams and joists, ornamental iron stairs; Arthur A. Brown, Archt., 1010 Fidelity Union Bldg.

### Bank and Office

Ala., Decatur—Tennessee Valley Bank finished excavating for \$100,000 fireproof bank building; stone veneer, 2 stories, mezzanine and basement, 50x100 ft., reinforced concrete foundation, marble (main) and concrete floors, composition roof, steam heat, American radiators; furnishings, equipment, etc., \$50,000; St. Louis Bank Building & Equipment Co., Archt.-Contr., 2604 S. Jefferson St., St. Louis, Mo.

Ala., Florence—Dr. E. T. Newsom and others let contract to L. E. Pate for \$75,000 Medical Arts Building; steel, hollow tile and stucco; 3 stories, 50x130 ft.; Lloyd Maffett, Archt., Court St.

Ark., Camden—G. S. Purifoy let contract to Tom Wilmoth for 2-story office building, W. Washington St.; 21x60 ft.

Md., Baltimore—Kopenick Building and Loan Assn. erect \$15,000 brick addition, 501-03-05 S. Chester St.; 2 stories, 39x35 ft., vapor heat; Geo. R. Callis, Archt., 1800 Hearst Tower Bldg.; L. Schoenlein & Son, Contrs., 2906 Parkside Drive.

N. C., Charlotte—Cochran & Ross, 223 N. Graham St., have excavation contract for \$250,000 store and office building, S. Tryon St.; Lockwood, Greene & Co., Archts., 24 Federal St., Boston, Mass., Johnston Bldg., Charlotte, etc.

N. C., Thomasville—Lambeth Furniture Co. erecting office addition; brick, 22x42 ft.; J. B. Baumgardner, Contr.

Tenn., Memphis—Acme Engineering Co., 229 Cochran St., has heating contract at \$8121 for \$250,000 Standard Oil Co. office building; plumbing, Rhodes Brothers Plumbing Co., 560 Madison Ave., \$4708; wiring, McCrory Electric Co., 63 S. Third St., \$4895; elevator, Memphis Elevator Co., 286 Union Ave., \$725; Jones & Furbringer, Archts., 110 Porter Bldg.; Gardner & Howe, Engr., Porter Bldg.; W. W. Wessell Construction Co., Contr., 1844 Overton Park Ave.

Tenn., Memphis—Union Railway Co., 339 Raynor St., erect \$10,000 addition to office bldg., 61 W. Cathoun St.; brick, 1 story, 45x36 ft., built-up roof, wood floors; Walsh & Hamilton, Contrs., Dermon Bldg.

Tenn., Nashville—Foreign Mission Board of Presbyterian Church of U. S. let contract to R. L. Proctor Co., 1216 Ind. Life Bldg., to remodel and erect addition to building, 16th Ave. and McGavock St., for offices; 100x50 ft., 2 stories, concrete floors, cost \$20,000; furnishings, equipment, etc., \$5000; Matthews M. Simpson, Archt., Presbyterian Bldg.; steam heat, Standard Engineering Co., Eighth Ave. South; electric work, Fulcher & Bros., Fourth Ave. North; plumbing, E. I. Tuck, Commerce St.; excavation and foundation, Bush Building Co., Eighth Ave. N.; plastering, Hopton Bros., Jefferson St.; painting, Frank Peirce, Fifth Ave. N.; foundation in.

Tex., Amarillo—J. W. Thompson erect \$50,000 oil exchange building; brick and stone, 2 stories; Wm. C. Townes, Archt., Old Post Office Bldg.; plumbing, Denver Plumbing Co., Denver, Col.; roofing, Standard Roofing Co., metal ceilings, Berger Manufacturing Co., both Amarillo.

Tex., San Antonio—National Bank of Commerce, Commerce St., let contract for 5 additional stories to 8-story building to Sumner-Sollitt Co., Nat. Bank of Commerce; cost \$200,000, concrete, brick and tile, 106x48 ft., Barrett roof; Adams & Adams, Archts., St. Mary St.; W. E. Simpson & Co., Engrs., Commerce St.

### Churches

Ala., Daphne—St. Andrew's Mission, Rev. Jos. R. Walker, Pastor, let contract for church.

Ark., Little Rock—German Lutheran Church has \$10,000 permit for brick veneer front, 722 Rock St.; J. W. Anderson, Contr.

Ark., Paris—First Christian Church, J. C. Berry, Chmn. Bldg. Comm., let contract at \$37,050 to J. C. Modlin for Sunday school; native stone, 2 stories and basement, seat 334, 15 classrooms.

Fla., Tampa—First Associate Reformed Presbyterian Church erect \$30,000 building, Park and Tampa Sts.; 1 story and basement, 75x75 ft., stucco, ornamental stone trim; Fred J. James, Archt., 706 Franklin St.; Friend & Bournier, Contrs., 305 Cass St.

Fla., Winter Haven—St. Paul's P. E. Church let contract for \$35,000 building, Briggs St. and First Ave., to W. R. McDonald; Gothic type, brick veneer, steel roof trusses, tile roof, electric heat, seat 400; furnishings, equipment, etc., including organ and pews, \$15,000.

Ga., Cedartown—First Baptist Church let contract at \$69,250 to J. F. Dupres Sons Co., Rome, for brick church and Sunday school; 1 and 2 stories, 112x79 ft., composition roof, fan-blast heating; Welby N. Pugin, Archt., 149 Sixth Ave. N., Nashville, Tenn.

Miss., Senatobia—Presbyterian Church, R. G. Roseborough, Chmn., Bldg. Comm., let contract to M. O. Gans for \$15,000 building; brick, 1 story, tile roof, wood floors; Spencer & Phillips, Archts., Fidelity Bank Bldg., Memphis, Tenn.

Okla., Holdenville—J. B. Klein Iron &

Foundry Co., 1006 W. Second St., Oklahoma City, has steel and iron contract for \$60,000 First Baptist Church; cut stone, Bedford Carthage Stone Co.; F. A. Duggan, Archt., 219 Castle Bldg.; W. D. Blacker, Asso. Archt., 1152 S. Trenton St., all Tulsa.

Okla., Wewoka—First M. E. Church let contract at \$30,000 to R. D. Pollard, Shawnee, for building; Wm. C. Meador, Archt., Dan Waggoner Bldg., Fort Worth, Tex.

Tenn., Chattanooga—First M. E. Church South let contract for \$125,000 Sunday school addition, McCalle Ave., to T. S. Moody & Son, W. 33d St.; 3 stories, 50x85 ft. gymnasium, accommodate 250; R. H. Hunt Co., Archt., James Bldg.

Tenn., Dover—Baptist Church, Rev. Clifton F. Bridges, Pastor, erect building; T. J. Martin, Contr.

Tex., Houston—Hinnners Organ Co., Pekin, Ill., has contract for pipe organ for First Congregational Church under construction, Main and Prospect Sts.

Tex., San Antonio—Highland Park Presbyterian Church, Chas. Dubose, Chmn. Bldg. Comm., let contract at \$15,400 to G. W. Mitchell for auditorium and balcony addition; Will N. Noonan, Archt., both Builders Exchange Bldg.

Tex., Weslaco—First Baptist Church let contract on cost plus basis to J. M. Thompson for \$50,000 brick and frame building; 1 and 2 stories and basement, 85x100 ft.; Ferand & Fitch, Archts., 701 Slaughter Bldg., Dallas.

### City and County

Fla., Bradenton—Manatee County Board of Commrs. let contract to Robt. G. Cregan for 60-ft. extension to courthouse; cost \$200,000, including equipment; J. H. Johnson, Archt.

Md., Cumberland—City Council let contract for fire station for Engine Co. No. 2 to Geo. Hazlewood; foundation work to Cumberland Contracting Co.

Mo., St. Louis—St. Louis Refrigerating & Cold Storage Co., 1301 Lewis St., has contract for \$10,000 additional equipment for refrigeration plant at Union Market.

N. C., Black Mountain—City let contract at \$20,300 to J. M. McGallin, Morganton, for municipal building; brick and tile, stone trim, 2 stories, 40x50 ft.; Thos. W. Cooper, Archt.

N. C., Elizabethton—City Council let contract for \$60,000 municipal building to Edens & Crumley; D. R. Beeson, Archt., Johnson City; city also plans market house, Sycamore St. and Hattie Ave.

Tex., Kingsville—City, J. F. Goode, Mayor, let contract to E. E. McRoberts for library; interlocking tile, common brick, stucco, stone trim, 1 story, 65.10x23 ft., cement, linoleum and tile floors; Gliesecke & Harris, Archts., 207 W. Seventh St., Austin.

### Dwellings

Ala., Birmingham—S. J. Brock, care Geo. P. Turner, Archt., 1203 American Trust Bldg., erect brick veneer residence, Roebuck Court; 1 story, 6 rooms, composition roof; hot air heat; Johnson Construction Co., Contr., 1820 American Tr. Bldg.

Ala., Birmingham—J. T. Dunlap, Empire Bldg., let contract for 1-story residence, Pine Ridge Rd., Shades Valley, to G. A. Paul, Hollywood; 25x60 ft., tile bath, hardwood floors, composition roof, steam heat.

Ark., Hot Springs National Park—I. R. Meux, 509 Benton St., erect frame residence, 507 Benton St., 1 story, 6 rooms, hardwood floors, shingle roof, built-in features, servants' quarters; day labor.

Ark., Little Rock—E. B. Parker, 1617 Hanger St., erect frame residence, 501 N. Tyler St., day labor; 1 story, 5 rooms, hardwood floors, tile bath, shower, built-in features, cedar shingle roof.

Ark., Little Rock—John Girsipel, 1322 McGowan St., erect brick veneer residence, 2419 Denison St.; 1 story, 5 rooms, hardwood floors, tile bath, composition shingle roof, built-in features, garage and servants' quarters; R. M. Wilkerson, Contr., 301 E. 20th St., North Little Rock.

Ark., Little Rock—Robt. Ives, 4204 W. 24th St., erect frame residence, 4202 W. 24th St.; 1-story, 5 rooms, composition roof, hardwood floors, tile bath, garage; day labor.

Ark., Little Rock—Elmer H. Jernigan, 3015 W. 14th St., erect frame residence, 1617 Elm St.; 5 rooms, tile bath, shingle roof, built-in features, servants' quarters; owner builds.

Ark., Little Rock—A. N. Middleton, 3000 Arch St., erect brick veneer residence, 120 Rosetta St.; 1 story, 6 rooms, hardwood floors, tile bath, composition roof, built-in

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features, servants' quarters; R. E. Wiggins, Contr., 2123 Cross St.

Ark., Little Rock—W. O. Stansbery, 716 Arkansas Ave., North Little Rock, erect brick veneer residence, 4125 A St.; 1 story, 6 rooms, hardwood floors, tile bath, built-in features, solarium, cedar shingle roof, servants' quarters; owner builds.

Ark., Morrilton—Reedy Loyd and S. Y. Green each erecting residence, Fairview addition.

Fla., Jacksonville—K. J. Jones erect \$15,000 residence, Belverder St. near Knight St.; brick veneer, 2 stories; N. D. Evans, Contr., 216 Main St.

Fla., Jacksonville—W. B. Buzby erect \$10,000 residence, Edgewood St. near St. Johns St.; tile and stucco, 2 stories; Brown Realty Co., Contr., 105 Julia St.

Fla., Jacksonville—A. W. Glecker erect \$10,725 residence, Laura St. near 34th St.; 2 stories, brick.

Fla., Jacksonville—Bond & Mortgage Company of America, Wm. C. Guthrie, Pres., Professional Bldg., erect 23 bungalows, Springfield; total cost \$125,000; first unit of 5 on W. 25th St. near Boulevard; Phelps Realty Co., Contr., Clark Bldg.

Fla., Lake Wales—C. F. Edgarton, Concord, Mass., enlarging residence; cost \$20,000; G. A. Miller, Inc., Contr., 312½ Twigg St., Tampa.

Fla., Lake Wales—Jas. L. Hammill, Columbus, Ohio, erecting \$90,000 residence, Mountain Lake; Geo. A. Miller, Inc., Contr., 312½ Twigg St., Tampa.

Fla., Lake Wales—Isaac T. Mann, Bramwell, W. Va., erecting \$100,000 residence, Mountain Lake; Geo. A. Miller, Inc., Contr., 312½ Twigg St., Tampa.

Fla., Lake Wales—Thos. N. McCarten erecting \$90,000 residence, Mountain Lake; General Building Co., Contr., Boston, Mass., 522 Harvard Ave.

Fla., Miami Beach—Leo L. Bentz erect \$15,000 Italian type residence, Pine Tree Drive, concrete block and stucco, Ludowici-Celadon tile roof, rubber tile floors; Robt. L. Weed, Archt., 328 N. E. Second Ave., Miami; 2-car garage; work started.

La., Jena—L. B. Wright, care Jena Bank, erect \$12,000 residence; brick veneer, tile roof, Arcola heat; Owens Bros., Contrs.

La., New Orleans—Clement Dabiez, 1455 Moss St., erect \$11,500 raised residence, Moss and Dumaine Sts.; Pierre F. Donnes, Contr.

La., New Orleans—Terry Himel, 1309 Short St., erect duplex, 358 Millaudon St.; 2 stories, tile roof, cost about \$10,000; Wm. Wallace, Contr., 131 N. Hagan St.

La., New Orleans—Edmonds Realty & Investment Co. erect \$16,500 raised stucco residence, 50 Fontainebleau Drive; tile roof; Andry & Fettel, Archts.; J. A. Haase, Jr., Contr., 916 Union St.\*

Md., Baltimore—Blair & Sons, Inc., Old Town Natl. Bank, erect 8 frame dwellings; 1½ stories, 23x26 ft.; plans and construction by owner.

Md., Baltimore—Geo. W. Schoenhals & Co., Lafayette and Warwick Aves., purchased two tracts, Orangeville section, for future development.

Md., Baltimore—Gilbert H. Moore erect \$45,000 Spanish type residence, Highfield and Underwood Rds.; 2½ stories, 9 rooms, 3 baths, stucco; Peyton B. Strobel Co., Contr., Munsey Bldg.

Md., Baltimore—Peyton B. Strobel Co., Munsey Bldg., has contract for \$35,000 stucco dwelling, Rogers Ave. near Green Spring Ave.; 2½ stories.

Md., Chevy Chase—Capt. Martin L. Novak, care Frank Simpson, 6711 Brookville Rd., Chevy Chase, erect \$30,000 residence, Edgemoor; hollow tile and stucco, 2 stories.

Mo., St. Louis—W. J. Henfling, 806 High St., erect \$13,500 brick residence, 6211 Arundell Place; 2 stories, 55x40 ft., tile roof, hot water heat; A. F. Stauder, Archt., 6032 S. Kingshighway; Gruenwald Construction Co., Contr., 3402 Arsenal St.

Mo., St. Louis—V. R. Stamm, 906 N. Grand Blvd., erect 7 brick dwellings, 5905-09-11-17-19-23-27 Hampton St.; 1 story, 26x39 ft., composition roofs, hot air heat; total cost \$21,000; S. Stokes, Jr., Archt., 6117 Adeline St.; Rathman & Stamm, Inc., Contr., 906 N. Grand Blvd.

Mo., St. Louis—E. J. Hess, 3228 Magnolia Ave., erect \$10,000 brick residence, 2920 Milton St.; 1 story, 32x40 ft., slate roof, hot water heat; plans by owner; E. Remmers, Contr., 1101 Dover Place.

Mo., University City, St. Louis—Edmond

Siroky, 2617 S. Compton St., erect brick residence, 789 Yale Ave.; 2 stories, 36x24 ft., composition roof, furnace heat; cost about \$10,000; Ferrand & Fitch, Archts., 6188 Delmar Blvd.; Geo. J. Halla, Contr., 4375 W. Papin St.

Tenn., Chattanooga—Signal Mountain Palisades Co., 18 W. 8th St., let contract to Burner & Co., 4 Frazier Ave., for 10 dwellings as first unit of number to be erected at Signal Mountain Palisades; cost \$100,000.\*

Tenn., Knoxville—Eugene C. Fretz, Laurel Heights Apts., let contract for 10 frame dwellings, Bon View addition, to H. E. Rogers, 900 Jacksboro St.; 5 rooms, 1 story, asphalt roof.

Tenn., Knoxville—Ben A. Morton, Holston Bank Bldg., excavating for \$44,000 brick residence, 3480 Kingston Pike; 12 rooms, slate roof; Baumann & Baumann, Archts., 813½ N. Market St.

Tenn., Memphis—Jas. E. Shannon, care Shannon Brothers Lumber Co., Reagan Ave., erecting residence, Galloway Park, Red Acres; Joe T. Wallace, Archt., Bank of Commerce Bldg.

Tenn., Memphis—Wm. C. Chandler, Goodwyn Inst. Bldg., erect 8 brick veneer dwellings, 1500 blocks Shadowlawn and S. Wellington St.; 1 story and basement, about 32x45 ft., composition shingle roofs, oak floors, tile baths, hot water heat; total cost \$40,000; day labor.

Tenn., Memphis—Guy Stollenwerck, Bank of Commerce Bldg., let contract for \$30,000 duplex, Highland Ave., to L. L. Diehl, 1663 Forrest St.; vapor steam heat, oil burner, State Heating & Power Co., 683 Linden Ave.; plumbing, Heiser Plumbing Co., 260 Vance Ave.; wiring, McCrory Electric Co., 63 S. Third St.; brick veneer and stucco, 2 stories and basement, 35x73 ft., composition shingle roof, oak floors, tile baths, water works, garage; Estes W. Mann, Archt., 203 Cotton Exchange Bldg.\*

Tex., Alpine—Louis Forchheimer started work on residence.

Tex., Beaumont—Beaumont Building Material Co., Pine and Magazine Sts., erect about 25 dwellings, Garden Villas; stucco, garage, water well, septic tank system; 1 dwelling under construction.

Tex., Beaumont—Thos. Garth, 2640 Laurel St., erect \$16,000 residence; frame and stucco, 2 stories, 6 rooms, tile roof, 2 tile baths; Livesay & Wiedemann, Archts., 607 San Jacinto Life Bldg.

Tex., Beaumont—W. Carroll Keith, 546 Keith Bldg., let contract for \$12,000 residence to H. J. Davis, 2425 North St.; frame, 2 stories, 37x60 ft.; Livesay & Wiedemann, Archts., 607 San Jacinto Life Bldg.

Tex., Dilley—Bill Fullwood erecting residence near Dilley.

Tex., Houston—Geo. Copley, 7505 Brevard St., erect \$30,000 residence, 5320 Shadow lawn St.; frame and stucco, C. Miller, Contr.

Tex., Houston—Johnson & Gustavson erect \$11,000 residence, 2501 Blodgett St.; 2 stories.

Tex., Houston—E. A. Briehan let contract for \$11,000 residence and garage, 1828 Bissonett St., to Henry H. Yates, Humble Bldg.; frame, 7 rooms and bath.\*

Tex., Houston—C. D. Creviston, 520 Keystone Bldg., erect \$15,000 residence, River Oaks addition; 2 stories, hardwood floors, tile roof, reinforced concrete foundation; G. A. Edelsvard, Archt., Waverly Inn. See Machinery Wanted.\*

Tex., San Antonio—H. Roos, 505 W. Russell Place, let contract at \$22,218 to John Westerhoff for brick and stucco residence, Summit St. and Belknap Place; Chesley N. Wood, Archt., 151 Goliad St.

Tex., Sherman—Roman Catholic Church let contract for \$10,000 rectory to L. W. Wentzel; brick veneer, 9 rooms.\*

Tex., Victoria—Frank Deaner erect stucco residence; 1 story, 32x57.6 ft., hardwood floors, Johns-Manville asbestos roof, concrete foundation; Ben LaSage, Archt., 118 S. San Jacinto St., San Antonio; Louis C. Urban, Contr.; plumbing, Gordon Bros. See Machinery Wanted.\*

Va., Richmond—Max E. Ruehrmund, Richmond Trust Bldg., erect 13 frame bungalows, 3203-29 Idlewood Ave.; total cost \$24,000; owner builds; reported planning erection of about 1000 dwellings by June 1; cost \$3,000,000.

Va., Richmond—Wm. E. Crawford, 1828 Grove Ave., let contract at \$13,000 to T. T. Thompson, Mutual Bldg., for brick residence, 4106 W. Franklin St.; work under way; 2 stories and attic, 38x26 ft., oak floors, slate roof.\*

## Government and State

Ala., Montgomery—Price Heating System has contract at \$13,000 for Webster vacuum system of heat for State Capitol; banking furniture, Georgia Show Case Co., \$2200.

Ga., Fort Benning—Phoenix Planing Mill Co., 321 Highland Ave., Atlanta, Ga., has mill-work contract for permanent Cuartel Barracks at Fort Benning, Ind.; face brick, Woolery & Co., Bloomington, Ind.; lumber, Dixie Brick Co., 1019 Broad St.; concrete, frame, brick and stucco, 3 and 4 stories, 1068.10x48 ft., cement finish floors, concrete foundations, fireproof; John W. Cowper Co., Healey Bldg., Atlanta, Ga., contract at \$434,800; plumbing, heating and electric work lately noted let.\*

Va., Newport News—Treasury Dept., Jas. A. Wetmore, Act. Supervising Archt., Washington, D. C., let contract at \$18,987 to George Griffiths Construction Co., 705 Olive St., St. Louis, Mo., for remodeling and enlarging, including approach work, of custom house and post office.\*

## Hospitals, Sanitariums, Etc.

Fla., Lakeland—City, Anton Schneider, City Mgr., let contract at \$68,700 to Streeter Bros. for nurses' home at Morrell Memorial Hospital; Franklin O. Adams, Jr., Archt., 510½ Franklin St., Tampa.\*

La., New Orleans—Standard Sheet Metal Works, Inc., 635 S. Peters St., has sheet metal work contract for \$250,000 first unit of Leonce M. Soniat Memorial of Mercy Hospital; Andry & Fettel, Archts., 917 N. O. Bank Bldg.; Geary-Oakes Co., Inc., Contr., 306 Baronne St.\*

Md., Baltimore—James Lawrence Kernan Hospital and Industrial School for Crippled Children let contract to Consolidated Engineering Co. for \$125,000-unit, Windsor Mill Rd. and Forest Ave.; T-shape, tile and stucco, 1 and 2 stories, about 176x26 ft., slate roof, hot-water and other heating; Parker, Thomas & Rice, Archts., Union Trust Bldg.\*

Miss., Gulfport—Dr. W. A. Dearman, 31st and Tenth Sts., let contract to Bradley Brothers Construction Co., Box 1031, Laurel, for \$25,000 office and clinic building; frame and stucco, 2 stories, 60x88 ft., wood floors, concrete foundation, built-up roof; N. W. Overstreet, Archt., Overstreet Bldg., Jackson; J. C. Strasser, Asso. Archt.; plumbing, heating and wiring let. See Machinery Wanted.\*

Okla., Elk City—Elk City Hospital Assn. let contract at \$24,800 to Fisher Construction Co. for hospital; brick, 1 story and basement, 82x93 ft., U shape; Harry Reynolds, Archt., Terminal Arcade, Oklahoma City.\*

Tenn., Knoxville—Casey Hedges Manufacturing Co., Vulcan St., Chattanooga, has contract to furnish and install tubular boilers in General Hospital; cost about \$15,000.

Tenn., Memphis—Baptist Memorial Hospital, G. D. Sheets, Supt., let contract for \$400,000 addition to Kaucher-Hodges Co., Shrine Bldg.; reinforced concrete and steel, stone trim, 9 stories and basement, 42x150 ft., steel sash, tile and marble, plaster walls, fireproof doors, sheet metal, misc. steel, 3 high-speed elevators; Pfeil & Awsumb, Archts., Derman Bldg.\*

Tex., Abilene—State Board of Control, Dr. H. H. Harrington, Chmn., Austin, let contract at \$40,500 to General Contracting Co., 607 Nogallitos St., for cottage dormitory for epileptics at Abilene State Hospital; 2 stories, 151x32 ft., brick and stone, tar and gravel roof, metal joists; Wm. Nichol and Geo. F. Campbell, Archts., 29-30 Radford Bldg.\*

## Hotels and Apartments

Ark., Little Rock—G. T. Criner, 1424 Schiller St., recently let contract to A. J. Holland, 120 N. Spruce St., for \$20,000, 2-story, brick, 8-apartment building, Eighth and Battery Sts.; William Dill, Archt., 605 Boyle Bldg.\*

Fla., Apopka—Apopka Community Hotel Co. recently let contract to O. P. Woodcock Co., 421 Duval Bldg., Jacksonville, for erection of \$90,000, 3-story, 60x120-ft. semi-fireproof community hotel building; Barrett specification roof, concrete foundation, wood joist flooring; plumbing, heating and electrical work contract let to General Installation Co., 120 E. Broadway, Ocala; 1 elevator on general contract; B. S. D. Martin, Archt.; Day & Zimmerman Engineering & Construction Co., Engrs.; both 1600 Walnut St., Philadelphia, Pa.\*

Fla., Coral Gables—Cyrus F. Wicker, 142 S. E. 8th St., Miami, erect 3-story, \$40,000 store and apartment building, Ponce de Leon

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Bldv. and Avenue Almeria; plans by Phineas E. Palst, Supv. Archt. of Coral Gables; Fred G. Rowley, Contr.

Fla., Eustis—Mrs. Louise Lamoreaux erecting stucco apartment building.

Fla., Miami—Mrs. M. A. Sidebottom erect \$10,000, 4-apartment house, 28 S. W. 23rd Rd.; D. Leonard Halper, Archt., Real Estate Bldg.; E. I. Freis, Contr.

Fla., Sarasota—Frank Ritchie, 5866 Ezel St., St. Louis, Mo., and Clearwater, has let contract to Northern Construction Co. for \$275,000, Italian Renaissance type, 35-apartment building on Palm Ave.

Miss., Biloxi—Dorries Hotel Co. recently let contract to Kaucher-Hodges & Co., 983 Shrine Bldg., Memphis, Tenn., for \$375,000, 5-story, reinforced concrete, 126x126-ft., 124-room Hotel Tivoli; terrazzo, tile and carpet flooring, Barrett roof, concrete and pile foundation; J. W. Hull Plumbing & Heating Co., 1144 Madison St., Memphis, Tenn., heating and plumbing equipment; Carl E. Matthes, Archt., Howard Ave.; J. B. Jensen, Engr., New Orleans, La. (See Machinery Wanted—Hollow Tile; Metal Doors; Wire Glass; Electric Refrigerators; Flooring; Dumb Waiters; Vaults; Marble; Cast Stone.)\*

Miss., Biloxi—C. W. Wachenfeld, 414 W. Beach Blvd., erecting \$50,000, 3-story, framed stucco, 116x48-ft., 14-unit apartment hotel, W. Beach Blvd.; wood floors, concrete foundation, Johns-Manville and Mission tile roofing, equipment and furnishings cost \$3000; H. B. Rickey, Engr.; Collins Bros. Contracting Co., Contrs. (See Machinery Wanted—Incinerators; Flooring Tile; Cast Stone.)\*

Miss., Ripley—Joe Tucker let contract to B. E. Buffalee & Co., Columbian Mutual Tower Bldg., Memphis, Tenn., for apartment building.

Mo., Springfield—W. W. Johnson, Contr., Phelps Grove Drive, soon start work on 22-room, \$25,000, fireproof, boudiers, brick and stucco addition to Old English Inn; Herman Hoffmeister, Mgr.

Mo., St. Louis—W. H. Darr, 5346 Lansdowne St., erect twelve 2-story, 25x45 ft., brick tenements, 5027-69 Winona St.; \$60,000; composition roofs, hot air heat; H. W. Guth, Archt., 813 Chestnut St.; owner builds.

Mo., St. Louis—J. E. Hotkins, 5514 Clemens St., erect \$10,000, 2-story, 34x53-ft. tenement, 1925 Belle Glade; tar and gravel roof, furnace heat; Mr. Tricker, Archt.; owner builds.

Mo., St. Louis—M. Kaplan, 802 Chestnut St., erect \$12,000, 70x37-ft., 3-story, brick tenement, 373-7 Boyle St.; composition and gravel roof, steam heat; Harris Realty Co., Archt.-Builder, 803 Chestnut St.

Mo., St. Louis—E. Rottersmann, 719 Limit Ave., and others, let contract to F. Peipers, 4505 S. Kingshighway, for 3 and 2 story tenements, 3252-5300-4 Bancroft St.; \$24,000, 25x49 ft., tar and gravel roofs, hot water heat; Southampton Building Co., Archts., 4511 S. Kingshighway.

Mo., St. Louis—F. F. Vincel, 620 Dover St., erect \$10,000, 2-story, 25x50-ft. tenement, 3810 Fillmore St.; asbestos shingle roof, hot water heat; W. Degenhardt, Archt.-builder, 6147 Tennessee St.

Mo., St. Louis—A. F. Ahrens, 3729 Palm St., erect two 2-story, brick, 16x50-ft. tenements, 4238-40 Margaretta St.; \$10,000; hot air heat, tar and gravel roofs; owner is Archt.-Builder.

Mo., St. Louis—L. Goldstein, 1405 Rowan St., let contract to Ada Building and Investment Co., 808 Chestnut St., for two 2-story, brick, 34x42-ft. tenements, 4806-8 and 4810-12 W. Florissant St.; \$16,000; composition roofs, hot air heat; O. J. Popp, Archt., Arcade Bldg.

Mo., St. Louis—W. G. Kaysing, 4002 Magnolia Place, erect six 2-story, 16x41 ft., brick tenements, 4669-79 Farlin St.; \$30,000; composition roofs, hot air heat; owner builds.

N. C., Burlington—Standard Hosiery Mills let contract to Bright & Malone for 2-story, 44x62-ft., 16-room boarding house for employees; rift pine floors, brick foundation, Byrd shingle roof, framed and storm sheathed, brick veneered, plastered interior.\*

N. C., Charlotte—Charles A. Mullis, 302 Chadwick Ave., started work on \$20,000 to \$25,000, 2-story, frame and brick veneer, 26½x97½-ft., 22-room, 6-apartment house at 511 N. Pine St.; stone studding, slate roof, brick foundation, equipment and furnishings cost \$1000 to \$1500; owner is Archt.-Builder. [See Machinery Wanted—Metal Doors; Steel Sash and Trim; Wire Glass; Plaster Board; Electric Refrigerators; Flooring; Roofing (Composition); Limestone; Mail Chutes and Boxes.]\*

Tenn., Johnson City—Lee B. Harr started work on 3-story, 12-suite apartment house

on Montgomery St.; brick exterior; Colle & Cardwell, Archts.

Tenn., Memphis—H. P. Wade, 310 First Natl. Ban Bldg., erect \$10,000 2-story brick negro apartment house, with day labor; composition shingle roof, pine floors; private plans.

Tex., Houston—James H. Edmonds, 4019 Caroline St., started work on \$20,000, 2-story, brick, 50x50-ft. apartment house, 3540 Mosley Drive; hardwood and tile floors, cement foundation, tile roof; owner is Archt.-Builder.\*

Tex., Pampa—W. H. Adams, Amarillo and El Paso, let contract to Charles H. Sharp Construction Co. at about \$50,000, for construction of 2-story brick, reinforced concrete, 60-room hotel building; steam heat, face brick, incinerator plant, structural iron; lumber contract to Panhandle Lumber Co.; brick to Reliance Brick Co., both Amarillo.

W. Va., Wheeling—Mrs. Lillian Pickett, 120 Edgewood St., erecting \$80,000 apartment building on Edgewood St.; George W. Pettit, Contr.

### Miscellaneous

D. C., Washington—Baltimore Fireproofing Co., Equitable Bldg., Baltimore, Md., received contract for concrete work in the \$10,000,000, 14-story National Press Building, under construction by George A. Fuller Co., Contrs., Munsey Bldg.\*

Fla., Opa-Locka—Midwinter Southern States Exposition, care E. J. Sellard, Director of Public Relations, erecting 12 exhibit buildings.

Ga., Atlanta—Wienca Club, Inc., 911 Atlanta Trust Co. Bldg., let contract to C. D. Crockett & Co., Bona Allen Bldg., for erection of clubhouse on Wieuca Road; Raymond C. Snow & Co., Archts., 812 Bona Allen Bldg.\*

La., New Orleans—Denegre & Woodward, Inc., Contrs., Louisiana Bldg., started work on \$21,551, 2-story, brick, cast stone trim, fireproof building, Magazine St., between Poeyfarre and Howard Ave., for Fire Insurance Patrol; Wogan & Bernard, Archts., Title Guarantee Bldg.\*

Mo., St. Louis—Midland Valley Country Club let contract to Dickie Construction Co., Syndicate Trust Bldg., for extensive additions and alterations to present club building and golf course; cost about \$250,000; Helfensteller, Hirsch & Watson, Archts., Chemical Bldg.\*

Tex., Nocona—Nocona Rotary Club, Hugh Grayson, Pres., erecting new building.

### Railway Stations, Sheds, Etc.

Ark., Gentry—Kansas City Southern Railway Co., A. N. Reece, Ch. Engr., Kansas City, Mo., started work on \$20,000 brick depot; M. J. Casey, Supt. of work.\*

Mo., Orrick—Wabash Railway Co., care R. E. Mohr, Archt., 1764 Railway Exchange Bldg., St. Louis, erecting 1-story, frame and stucco, 20x59-ft. passenger station; concrete floors and foundation, Johns-Manville asbestos shingle roof; Eberhardt Construction Co., Contrs., Salina, Kansas.\*

### Schools

Fla., Brighton—Curtiss-Bright Co. has awarded contract for first unit of 4-story school building, to contain 4 rooms, 2 stories, cost \$15,000.

Fla., Gainesville—State Board of Control, P. K. Yonge, Chmn., Aragon Hotel, Jacksonville, let contract to J. L. Crouse, American Bank Bldg., Greensboro, N. C., at \$188,191, for erection of Chemistry-Pharmacy building on campus of University of Florida; also let contract to C. F. Jester, Lake Alfred, for new Laboratory Building at Citrus Experiment Station, at Lake Alfred; Rudolph Weaver, Archt. for Board.\*

Fla., Lake Alfred—See Fla., Gainesville.

Fla., St. Andrews—Board of School Trustees, Ella S. Witherell, let contract to J. A. Asbell, Panama City, at \$49,327, for erection of 1-story, brick and concrete school building; Frank Mosely, Inc., Panama City, heating and plumbing, at \$6800; E. D. Fitchner, Archt., Box 300, Tallahassee.\*

Fla., Tampa—Hillsborough County Board of Public Instruction, W. D. F. Snipes, Sec., let contract to H. G. Cooper for \$125,000, brick and cement composition, 2 story, 121x225-ft. Orange Grove school building at 26th Ave. and 18th St., Ybor City; 15 classrooms, auditorium, cafeteria and offices; M. Leo Elliott, Archt., 706 Franklin St.\*

Fla., Turkey Creek—Hillsborough County Board of Public Instruction, Tampa, recently let contract to Dudley & Nulter, Plant City,

at \$29,800, for 2-story, brick, 54.10x62.6-ft. school building; wood floors, concrete foundation, composition shingle roof; Guy O. Parker, electric work; arper LumbHer & Mfg. Co., lumber and millwork, both Plant City; Booker & Co., Morgan and Bell Sts., brick and cement; Cooke & Co., steel and iron; Frank A. Winn, Archts., Citizens Bank Bldg., all Tampa.\*

Ga., Evans—Columbia County Board of Education, Appling, recently let contract to Cooper & Mulherin Construction Co., 207 Leonard Bldg., Augusta, at \$27,000, for erection of 1-story, 140x95-ft., 8-classroom and auditorium, consolidated school building; stucco on iron lath, frame, copper-clad roof, concrete foundation, rift pine floors, equipment and furnishings cost \$3000. [See Machinery Wanted—Flooring (Terrazzo); Roofing (Composition); Cast Stone.]\*

Ga., Folkston—Charlton County Board of Education let contract to Davis & Barber at \$37,900 for erection of 1-story, 10-room and auditorium school building.\*

Ky., Murray—Murray State Normal School, Rainey T. Wells, Pres., let contract to Key-Longston Construction Co. at \$129,225 for erection of 2-story, 137x184-ft. auditorium building, and to J. T. Jackson Lumber Co., Price Ave. and Belt Line, Lexington, at \$132,000, for 3-story, 111x192-ft. Training School building; brick, steel and concrete construction; electrical contract to Harris-Beyer Co., Paducah, \$8475; plumbing and heating to Redmon Heating Co., 14 N. Fourth St., Louisville, \$24,473; G. Tandy Smith, Jr., Archt., 306 Guthrie Bldg., Paducah.\*

Md., Baltimore—Board of Awards, Mayor Howard W. Jackson, Pres., let contract to P. C. Street Engineering Co., 404 St. Paul St., at \$1,196,000, for erection of 4-story, brick and stone trim Western High School, on Gwynns Falls Pkwy., between Pulaski St. and Walbrook Ave.; J. E. Sperry, Archt., Calvert Bldg.\*

Md., Cordova—Talbot County Board of Education, Oscar M. Fogle, Supt., Easton Nat'l Bank Bldg., Easton, let contract to Russell Summers, S. Harrison St., Easton, for \$40,000 1-story and basement, hollow tile and stucco, 8-room and auditorium grade school; Henry Powell Hopkins, Archt., 347 N. Charles St.; James Posey, Mech. Engr., 1309 Lexington Bldg., both Baltimore.

Miss., Jackson—Bradley Bros. Construction Co. received contract for erection of general science building and manual training and agriculture building for Seller School at Necaise, in Hancock County; \$20,000.

Okla., Mountain View—J. B. Klein Iron & Foundry Co., 1006 W. Second St., Oklahoma City, received sub-contract for steel on \$57,000 High School, for which A. F. Stewart Construction Co., First Nat'l Bank Bldg., Oklahoma City, has general contract.\*

Okla., Tulsa—St. Francis Xavier Parish, care Rev. McCreedy, 2516 E. Admiral St., let contract to J. R. Forner Construction Co., Ritz Bldg., for 1 and 2 story and part basement, hollow tile, brick, frame and stucco 142x61-ft. school and 40x60-ft. residence, First and Atlanta Sts.; concrete and wood floors, concrete foundation, tile and composition roofing; Donald McCormick, Archt., 710 Atlas Bldg.; address equipment proposals to Rev. McCreedy. (See Machinery Wanted—Hollow Tile; Metal Doors; Steel Sash and Trim; Roofing.)\*

S. C., Duncan—J. C. Cunningham, Contr., Greer, erecting 3-story, 16-room school building; Paul Williams, Archt., Spartanburg.

S. C., Pageland—George R. Spencer, Chmn. Building Committee, will erect \$50,000 2-story, brick with stone coping, 175x75 ft. High School building, with day labor; wood floors, cement foundation, tile or composition roofing, equipment and furnishings cost \$10,000; White, Streeter & Chamberlain, Archts., Gastonia, N. C. (See Machinery Wanted—Metal Doors; Plaster Board; Flooring; Roofing (Composition); Ventilators; Terra Cotta Trim.)\*

Tenn., Knoxville—Knox County Board of Education let contract to Lynn A. Hayes at \$11,650 for erection of John Sevier school building; brick, 4 classrooms and study hall-auditorium; Parmelee & Son, Archts., 606 S. Gay St.; O. P. Harrington, low bidder, but declined to accept.\*

Tenn., Monterey—Board of Education recently let contract to H. C. Fonde, Maryville, for \$48,000, 3-story, 62x197-ft. High School building; concrete foundation, composition roof; Asmus & Clarke, Archts., Stahlman Bldg., Nashville.\*

Tex., Albany—Board of Education, James E. Pirie, Sec., let contract to C. A. Fuess & Co., 1900 N. St. Paul St., Dallas, at \$34,800, for 3-story, 50x85-ft., brick and stone high

In writing to parties mentioned in this department it will be of advantage to all concerned if the Manufacturers Record is mentioned.



school addition; C. H. Griesenbach, Archt., S. W. Life Bldg., Dallas.\*

Tex., Concord—T. M. Brown and J. W. Whitworth, Jewett, received contract at \$14,448 for 2-story, 54x72-ft., brick and stone school building; C. H. Leinbach, Archt., 605 Central Bank Bldg., Dallas.

Tex., Dallas—Board of Education, C. M. Moore, Sec., let contract to L. H. Lacy Co. 2632 Swiss Ave., at \$548,127, for erection of 3-story and part-basement, 242x220-ft. brick, stone, steel and reinforced concrete, fireproof Woodrow Wilson High School; Kinnison Bros., 1201 S. Lamar St., heating and ventilating at \$73,125; A. S. Pearce & Son, 510 N. Hawkins St., plumbing \$31,500; N. E. Busby & Co., 111 S. Haskell St., electric wiring, \$19,500; Dewitt & Lemmon, Archts., S. W. Life Bldg.\*

Tex., Houston—Houston Independent School District, H. L. Mills, Business Mgr., P. O. Box 1226, let contract to C. W. Ennis, at about \$55,000 for Dow Elementary School Annex; 6 rooms and auditorium-cafeteria-gym play room; Jonas & Tabor, Asso. Archts., Union Natl. Bank Bldg.; W. E. Woodruff, Larendon Bldg., received contract for Douglas and Gregory Colored school buildings; \$90,000 each; 20 classrooms, principal's office, etc.; Harper Colored let to Carl Curts at \$60,000; 12 classrooms with principal's office; Hedrick & Gottlieb, Asso. Archts., Post-Dispatch Bldg.\*

Tex., San Antonio—Texas Chiropractic College, 203 Dwyer Ave., let contract to M. A. McEachern, 809 Gillespie St., for \$12,000, 1-story, 56x80-ft., frame and stucco College, 203 Dwyer Ave., let contract to M. Spillman, Archt., Alamo Bank Bldg.

Tex., San Antonio—Los Angeles Heights Independent School District, care J. C. Arnold, opened bids for erecting two 6-room and auditorium, brick and stucco school buildings in Los Angeles Heights and Woodlawn Hills; G. W. Mitchell, 119 Martin St., low bidder at \$53,600 for both; F. Wahrmond, 805 Kayton St., low on heating and plumbing at \$8222; Travis Electric Co., 204 E. Travis St., wiring, \$744; all contracts let; Adams & Adams, Archts., Builders Exchange Bldg.\*

### Stores

Ala., Birmingham—Brackins, Inc., 323 N. 20th St., let contract to Alex Lawrence, 307 N. 15th St., for exterior and interior remodeling; new fronts and partitions, etc.; Harry B. Wheelock, Archt., Steiner Bldg.\*

Ala., Birmingham—Herbert Tutweiler, 2224 Highland Ave., erecting 2-story, 70x90 ft., store building, Highland Ave. and 23d St.; limestone walls, tile roof, steam heat; painting to G. B. Graham, 2021 N. Fourth Ave.; hardware, Charles Caldwell, 2011 N. Third Ave.; Warren, Knight & Davis, Archts., 1603 Empire Bldg.; Day & Sachs, Contrs., 2400 Avenue E.

Ark., El Dorado—L. G. Woodwin let contract to E. A. Horton, for 2-story, brick, 75x100 ft., store and office building; plate-glass fronts, gravel roof; Charles L. Thompson, Archt., 504 Home Insurance Bldg., Little Rock.

Ark., Hot Springs—W. M. Searcy, 325 Benton St., erecting 1-story, brick, 3-store building, Benton and Laurel Sts., with day labor; built-up tar and gravel roof, pine floors, copper gutters and spouts, plate glass; private plans.

Fla., Jacksonville—Baeder Properties, Inc., has permits for following stores to be occupied by United Cigar Stores Corp.: \$15,000, on N. Main, between Fourth and Fifth Sts.; \$16,000, S. W. cor. Main and Fifth Sts.; \$20,000, S. W. cor. Main and Sixth Sts.; \$15,000, S. W. cor. Main and Seventh Sts.; \$10,000, N. E. cor. Hogan and Union Sts.; S. S. Jacobs, Contr.\*

Fla., Jacksonville—F. and H. Mahmud let contract to Nyals Construction Co. for \$10,000, 1-story, brick stores on Main, between Daniel and Harman Sts.

Fla., Miami—J. G. McCrory Co., P. Prior,

Vice-Pres., 1107 Broadway, New York, has let contract to P. J. Davis Construction Co., 345 N. W. Third St., for \$200,000, 3-story annex to present store, E. Flagler St.

Ga., Griffin—Estate of David J. Bailey, 206 W. Broad St., erecting 1-story, brick building to be occupied by Rhodes Furniture Co.; main building 30x70 ft., annex 20x50 ft.; Wheaton & Tyus Co., Archts.-Contrs.\*

Mo., St. Louis—P. Victor, 4065 W. Pine St., let contract to F. Peipers, 4505 S. Kingshighway, for 2 and 1 story stores and dwelling, 4201-9 S. Kingshighway and 4904-10 Chippewa St.; \$25,000, 84x53, 40x19 and 42x37 ft., tar and gravel roofs, hot-water heat; Southampton Building Co., Archts., 4511 S. Kingshighway.

N. C., Charlotte—Service Electric Co., 513 E. Trade St., received contract for electrical work, and Otis Elevator Co., Commercial Bank Bldg., for installation of 1 freight and 3 passenger elevators, in \$500,000 Belk Brothers department store, for which J. A. Jones Construction Co., Realty Bldg., has general contract.\*

Tenn., Memphis—William E. Barnes, 151 S. Main St., let contract to E. J. Pearson Construction Co., Fidelity Bank Bldg., for remodeling store building, 153 S. Main St.; \$10,000; private plans.

Tenn., Memphis—Linden Realty Co., care W. W. Fischer, 269 Walnut St., let contract to Ferguson Construction Co., Graham Bldg., for \$20,000, 1-story, brick, 60x120-ft. store building, Linden Ave.; built-up roof, concrete floors, plate glass; Regan & Weller, Archts., Bank of Commerce Bldg.\*

Tenn., Memphis—Charles Rothchild, 86 S. Second St., let contract to F. S. Neel, Fidelity Bank Bldg., for remodeling store building; \$15,000; Pfeil & Awsumb, Archts., 1024 Dermon Bldg.\*

Tex., Brownsville—J. B. Scott let contract to W. A. Velten at \$26,546 for 2-story, brick and reinforced concrete building, stores on first floor, 35 hotel rooms above; William D. Van Sicien, Archt., 9 Maltby Bldg.

Tex., Pearsall—J. E. Fields let contract to W. J. A. Cronin for 30x80 ft., 1 story, brick and reinforced concrete store building.

Tex., Vernon—L. K. Johnson let contract to Morgan & Gibbs, Paducah, Texas, at \$13,750 for 1-story, brick, 30x110-ft. business building, Main and Pease Sts.; edge grain yellow pine floors, reinforced concrete foundation, composition roof; R. H. Stuckey, Archt., Wilbarger St. [See Machinery Wanted—Metal Ceilings; Roofing (Composition).]\*

W. Va., Wheeling—The Reichart Furniture Co., Front Co. and Charles F. Eitz Co. will remodel their buildings at 1113-15-17 Main St.; 4 stories, 78x140 ft.; Albert F. Dayton, Archt., 1417 Chapline St.; Engstrom & Co., Contrs., 99 Fourteenth St.

### Theaters

Ark., Ashdown—Sam Dudley will erect 1-story, 25x100-ft. brick theater building; 20 ft. ceiling, with balcony for negroes; private plans; W. M. Westbrook, Contr.

Fla., Lakeland—J. E. Melton, Hotel Thelma Bldg., let contract to G. A. Miller, 312½ Twigg St., Tampa, for \$700,000, stone, brick and concrete theater building at Florida Ave. and Lemon St.; seating capacity of 1800; also include 9 stores on Florida Ave. side, 10 offices on second floor; James E. Casale, 226 Allied Bldg., Tampa.\*

Miss., Hattiesburg—V. H. Bailey and T. F. Alston erecting stucco motion-picture house on Mobile St. for colored people.

N. C., Fayetteville—Dr. R. L. Pittman let contract to Reinecke Construction Co. for erection of \$100,000, 3-story theater building; James M. Workman and J. H. De Sibour, Engr. and Archt., White Bldg., 111 N. Greene St., Greensboro; general contract includes plumbing, heating and wiring and ornamental plaster work to be let separate.\*

### Warehouses

Ala., Athens—U. G. White erecting warehouse on W. Washington St.

Ala., Birmingham—Hill Grocery Co., 230 S. 16th St., let contract to Earl Cline, 1011 N. 16th St., for 2-story, brick, 92x140-ft. warehouse, Avenue C and 15th St.; C. H. McCauley, Archt., 709-11 Jackson Bldg.

Ala., Mobile—Mobile and Ohio Railroad let contract to Jett-Quill Construction Co. for new warehouse at Pier No. 1, between Government and Dauphin Sts.; remove second story of present building and raise roof for 1-story structure; \$30,000.

Ark., Little Rock—C. J. Lincoln Co., Inc., 112 N. Main St., wholesale druggists, remodeling building to cost \$30,000, including furnishings and equipment; Charles L. Thompson, Archt., Home Insurance Bldg.; J. H. Thalman, Contr., 101 E. 24th St.\*

Fla., Tampa—Ricketts & Haworth, Contrs., Eva and Palmetto Sts., erecting brick and steel building on 12th St., in the Estuary, for Oldsmar Hardware & Supply Co., 1511 Grand Central St., to house wholesale and retail departments.

Fla., Tampa—Lewis-Chitty Consolidated, wholesale grocers, erect \$12,000, 1-story, brick and concrete, 80x100-ft. warehouse, adjoining present building at Bell and Caesar Sts.; J. W. Bynum, Contr.

Fla., Tampa—S. P. Steed, 1610 E. Broadway, let contract to B. E. Oatley, Tampa Bay Blvd., for \$14,000 warehouse on Eighth Ave.

Mo., Springfield—H. I. Devore, 635 N. Main St., Pres. of Devore Wholesale Fruit Co., let contract to M. F. Pachi, 2224 N. Rogers Ave., for brick work on \$25,000, 2-story, 52x132-ft., brick, concrete and wood wholesale fruit and cold-storage building, 615-17 N. Main St.; concrete and wood floors, concrete foundation; equipment and furnishings cost \$15,000; plans by owner. (See Machinery Wanted—Metal Doors; Steel Sash and Trim; Electric Refrigerators).\*

N. C., Charlotte—Lowe-Stevens Realty Co. erect \$28,000, 3-story, brick warehouse at W. Fifth St. and Southern Railway tracks and \$5000 vulcanizing plant at W. Fifth St.; J. A. Gardner, 211½ N. Tryon St., Contr. for warehouse, and Warren Mobley, 1516 E. 4th St., Contr. for plant.

Okla., Pawhuska—Nash Finch Co. erecting \$20,000, 75x150-ft. wholesale grocery and fruits building; maple floors, asphalt roof; Robert A. Fraser, Contr., 4402 Pillsbury Ave., Minneapolis, Minn.; new equipment to be installed includes cold storages and mechanical refrigeration.

Tenn., Knoxville—Worsham Brothers, Empire Bldg., have contract for erection of \$35,000, 131x256-ft. addition to Planters Warehouse, Henrietta and S. Bell Sts.\*

Tenn., Memphis—H. M. Pratt, Columbus, Miss., has plans by Joe T. Wallace, 1516 Bank of Commerce Bldg.; soon start work on \$40,000, 2-story, 60x170-ft., brick, steel, concrete and mill warehouse, S. Front St.; built-up roof, concrete floors, plate glass, steel sash, sprinkler system, 2 steam heating plants; Rock Wood Sprinkler Co., sprinkler system; Otis Elevator Co., 246 Court St., elevators; Memphis Construction Co., Contrs., 160 Union Ave.

Tex., Big Springs—J. M. Radford, Abilene, let contract to J. M. Morgan & Co., Big Springs, at \$30,165 for erection of 75x130-ft., reinforced concrete warehouse building; Nichols & Campbell, Archts., 29-30 Radford Bldg., Abilene.

Tex., Brownsville—Brown White of San Benito and Brownsville recently let contract to S. W. McKenzie, at \$12,884, for 1-story, hollow tile and stucco, 50x112-ft. warehouse on Fronton St.; wood floors, concrete foundation, composition roof; Hayes Son, electric work and plumbing; O. S. Wheeler, painting; George Hamluk, concrete; Adams, stucco and plaster; W. D. Van Sicien, Archt.\*

Tex., Corpus Christi—W. K. Shepperd, 301 King St., erect \$10,000, frame and corrugated iron warehouse, Laredo Ave. and Tenth St.; J. A. Walsh, Contr.

Tex., San Benito—Rovee E. Clark Seed Co. let contract to H. J. Hanson & Son, Brownsville, for \$13,500, 50x140-ft., reinforced concrete and hollow tile warehouse on Steng St.; W. D. Van Sicien, Archt., Brownsville.

## MACHINERY, PROPOSALS AND SUPPLIES WANTED

Aerial Cableway.—Tennessee Slate Products Co., Jas. L. Cawthon, Sec., Maryville, Tenn.—Wants prices on aerial cableway for slate quarry.

Air Compressors.—Tennessee Slate Products Co., Jas. L. Cawthon, Sec., Maryville, Tenn.—Wants prices on air compressors for slate quarry.

Air Compressor.—Hackley Morrison Co. (Mchy. Dealer), 1708 Lewis St., Richmond.

Va.—Wants one air compressor, 325 cu. ft., 125 lb. pressure, belt-driven, Ingersoll preferred.

Air Cushions.—See Rubber Stair Treads, etc.

Alternator.—Hackley Morrison Co. (Mchy. Dealer), 1708 Lewis St., Richmond, Va.—Wants 25-35 kv-a low-voltage alternator and exciter, steam operated.

Auto Glass.—Auto Glass & Radiator Shop,

128 Center (Fifth) St., Augusta, Ga.—Wants prices on both plate and crystal sheet glass, used for side glasses and windshields; f. o. b. Augusta.

Belt Conveyor.—Hackley Morrison Co. (Mchy. Dealer), 1708 Lewis St., Richmond, Va.—Wants one 20 to 24 in. belt conveyor 35 to 50 ft. between centers of end rollers, complete with belt drive, troughing rollers and return rollers for handling loose dirt.

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**Boiler (Scotch Marine).**—See Engines, etc.

**Breakwater.**—Comms. of the Orleans Levee Dist., New Courthouse Bldg., New Orleans, La.—Receives bids Oct. 14 to furnish material, labor, fuel, supplies, concrete forms and entire equipment necessary for manufacturing and driving reinforced concrete sheet piling and placing reinforced concrete cap to form bulkhead, parallel to present Upper Protection levee.

**Breakwater.**—Treasury Dept., Supvg. Architect's Office, Washington, D. C.—Receives bids Oct. 1 for new breakwater at U. S. Government quarantine station at Charleston, S. C.

**Bridge.**—State of Oklahoma will build and repair 7 bridges. See Construction News—Roads, Streets, Paving.

**Bridge.**—Baltimore, Md. See Construction News—Bridges, Culverts, Viaducts.

**Bridge.**—Tampa, Fla. See Construction News—Bridges, Culverts, Viaducts.

**Bridge.**—Tallulah, La. See Construction News—Bridges, Culverts, Viaducts.

**Bridge.**—West Palm Beach, Fla. See Construction News—Bridges, Culverts, Viaducts.

**Brushes.**—U. S. Veterans Bureau, Supply Division, Washington, D. C.—Receives bids Sept. 29 to furnish 2100 floor sweep brushes, without handles, and 238 hand floor scrubbing brushes.

**Brushes (Radiator).**—U. S. Veterans Bureau, Supply Division, Washington, D. C.—Receives bids Sept. 27 for 1020 radiator brushes.

**Cafeteria Equipment.**—U. S. Veterans Bureau, Supply Division, Washington, D. C.—Receives bids Oct. 2 for cafeteria equipment for U. S. V. Hospital, Fort Snelling, Minn.

**Candy Making Machinery.**—J. G. Granbery, 108 N. Fremont St., Tampa, Fla.—Wants data on equipment for candy kitchen.

**Cars (Tram), etc.**—Tennessee Slate Products Co., Jas. L. Cawthon, Sec., Maryville, Tenn.—Wants prices on tram cars and light track for slate quarry.

**Cast Stone.**—Kelwood Co., Inc., 903 Travis Bldg., San Antonio, Tex.—Wants prices on cast stone for \$60,000 church, Brownsville, Tex.

**Cast Stone.**—Kaucher-Hodges & Co., Contractors, 983 Shrine Bldg., Memphis, Tenn.—Wants prices on cast stone for \$375,000 Hotel Tivoli, Biloxi, Miss.

**Cast Stone.**—Capital Building & Loan Association, O. M. Thompson, Sec.-Treas., Baton Rouge, La.—Wants prices on cast stone for \$30,000 brick and hollow tile office building.

**Cast Stone.**—Tom Thompson, Perryton, Tex.—Wants prices on cast stone for \$25,000 theater building.

**Cast Stone.**—M. B. Welch, Contr., 714 Central Ave., St. Petersburg, Fla.—Wants prices on cast stone for \$100,000 apartment house.

**Cast Stone.**—Collins Bros. Contracting Co., Biloxi, Miss.—Wants prices on cast stone for \$59,000 apartment house.

**Cast Stone.**—Cooper & Mulherin Construction Co., 207 Leonard Bldg., Augusta, Ga.—Wants prices on cast stone.

**Church Furnishings, etc.**—Rev. Mr. Day, Pastor, First Presbyterian Church, Brownsville, Tex.—Wants prices on equipment, etc., for \$60,000 church.

**Church Furnishings, etc.**—Rev. J. Scott Blystone, 112 S. Ball St., Webb City, Mo.—Wants prices on equipment, etc., \$2000, for First Church of the Nazarene.

**Church Furnishings, etc.**—S. G. Farmer, Telephone Bldg., Dothan, Ala.—Wants prices on equipment, etc., \$15,000 to \$20,000, for First Baptist Church.

**Church Furnishings, etc.**—B. G. Farmer, St. Telephone Bldg., Dothan, Ala.—Wants prices on equipment, etc., \$20,000, for First Baptist Church.

**Church Furnishings, etc.**—Z. A. Stewart, 118 Newton Ave., El Dorado, Ark.—Wants prices on equipment, etc., \$25,000, for church.

**Coal.**—Warren County Board of Supvrs., J. G. Sherard, Clk., Vicksburg, Miss.—Receives bids Oct. 5 to furnish coal for year 1926-1927.

**Crossarm Pins.**—Hackley Morrison Co. (Mchy. Dealer), 1708 Lewis St., Richmond, Va.—Wants 1500 crossarm pins.

**Culverts.**—Travis County, J. A. Belger, County Auditor, Austin, Tex.—Receives bids Sept. 27 for corrugated metal culverts for county roads.

**Deep Well.**—U. S. Veterans Bureau, Room 791, Arlington Bldg., Washington, D. C.—Receives bids Oct. 12 for deep-well construction at U. S. V. Hospital No. 93, Legion, Texas.

**Derricks.**—See Slate Quarry Equipment.

**Door Mats (Rubber).**—See Rubber Stair Treads, etc.

**Drainage.**—Interbay Drainage Dist. Supervisors, James G. Yeats, Pres., 81 S. Rome St., Tampa, Fla.—Receives bids Oct. 5 to construct concrete mains, laterals, etc.; McElroy Engineering Co., Engrs., 32 Giddens Bldg., Tampa.

**Dredging.**—City Comsn., Leesburg, Fla.—Receives bids Oct. 11 for dredging lake in city park; W. E. Harkness, City Clk.; W. A. McKenzie, Mayor.

**Dry Cleaning Plant.**—Blytheville Steam Laundry, Blytheville, Ark.—Wants prices on complete dry cleaning plant.

**Dumb Waiters.**—Atwood & Nash, Inc., Chapel Hill, N. C.—Wants prices on dumb waiters for \$125,000 hospital addition, Durham, N. C.

**Dumb Waiters.**—M. B. Welch, Contr., 714 Central Ave., St. Petersburg, Fla.—Wants prices on dumb waiters for \$100,000 apartment house.

**Dumb Waiters.**—U. W. Gunter, Shelbyville, Tenn.—Wants prices on dumb waiters for office building.

**Electric Hoists.**—R. A. Sindall, Pres. A. K. Robins & Co., Inc., Lombard and Concord Sts., Baltimore, Md.—Wants data on electric hoists; correspond with manufacturers.

**Electric Refrigerators.**—U. W. Gunter, Shelbyville, Tenn.—Wants prices on electric refrigerators for office building.

**Electric Refrigerators.**—H. I. Devore, 635 N. Main St., Springfield, Mo.—Wants prices on electric refrigerators for wholesale fruit and cold storage building.

**Electric Refrigerators.**—C. D. Creviston, 520 Keystone Bldg., Houston, Tex.—Wants prices on electric refrigerators for \$15,000 residence.

**Electric Refrigerators.**—Charles A. Mullis, 302 Chadwick Ave., Charlotte, N. C.—Wants prices on electric refrigerators for apartment house.

**Electric Refrigerators.**—M. B. Welch, Contractor, 714 Central Ave., St. Petersburg, Fla.—Wants prices on electric refrigerators for \$100,000 apartment house.

**Electric Refrigerators.**—Atwood & Nash, Inc., Chapel Hill, N. C.—Wants prices on electric refrigerators for \$125,000 hospital addition, Durham, N. C.

**Electric Refrigerators.**—Kaucher-Hodges & Co., Contrs., 983 Shrine Bldg., Memphis, Tenn.—Wants prices on electric refrigerators for \$375,000 Hotel Tivoli, Biloxi, Miss.

**Elevators.**—See Slate Quarry Equipment.

**Engines (Oil).**—Jas. R. Lawrence, Mallory Hotel, Gilroy, Cal.—Wants data on Diesel oil engines of stationary type, suitable for deep-well pumping; correspond with manufacturers.

**Engines, etc.**—Natchez & Vidalia Ferry Co., Inc., B. H. McNeely, Sec., Natchez, Miss.—Wants prices on one pair of steam tugboat engines, two cylinders, 8x8 in., for twin screw; also Scotch marine boiler for same.

**Excelsior Plant Equipment.**—Southern Excelsior Co., Jasper, Ala.—Wants to purchase single barker and wood splitter for excelsior plant; state condition, prices, etc.

**Factory Building.**—John Van Range Co., Sidney F. Steinberg, Vice-Pres., Fifth Ave. and Broadway, Cincinnati, Ohio.—Wants prices on factory building, 280x440 ft., steel frame construction, saw-tooth roof, approximately 120,000 sq. ft.; plans call for 13 ft. clearance from floor under side beams, bays measure 20x40 ft., could alter clearance and use smaller bays, probably hang loads of about 1000 lbs. from beams at any point of building; will have some local hoists, but probably no general conveyor system; would like to buy second-hand building of about the size and type above indicated; will conclude relative to such a building or advertise for bids in about 10 days.

**Fans (Power).**—Tennessee Slate Products Co., Jas. L. Cawthon, Sec., Maryville, Tenn.—Wants prices on power fans and dedusters for slate quarry.

**Fire-Alarm Boxes.**—John H. Menken, Acting Purchasing Agent, Columbia, S. C.—Receives bids Sept. 30 to supply fire department with three non-interfering successive fire-alarm boxes.

**Fishing-Line Machinery.**—T. W. Karstedt, Lake City, Fla.—Wants machinery for making silk and linen fishing lines; correspond with manufacturers.

**Flooring.**—Atwood & Nash, Inc., Chapel Hill, N. C.—Wants prices on tile, terrazzo, hardwood and composition flooring for \$125,000 hospital addition, Durham, N. C.

**Flooring.**—Kaucher-Hodges & Co., Contrs., 983 Shrine Bldg., Memphis, Tenn.—Wants prices on tile, terrazzo and concrete flooring for \$375,000 Hotel Tivoli, Biloxi, Miss.

**Flooring.**—C. D. Creviston, 520 Keystone Bldg., Houston, Tex.—Wants prices on tile, hardwood and linoleum flooring for \$15,000 residence.

**Flooring.**—Charles A. Mullis, 302 Chadwick Ave., Charlotte, N. C.—Wants prices on hardwood, rubber tile and linoleum flooring for apartment house.

**Flooring Tile.**—Collins Bros. Contracting Co., Biloxi, Miss.—Wants prices on flooring tile for \$59,000 apartment house.

**Flooring (Rubber Tile).**—S. G. Farmer, Telephone Bldg., Dothan, Ala.—Wants prices on rubber tile flooring for \$142,000 First Baptist Church.

**Flooring.**—Mary A. Elliott, Sec., Chamber of Commerce, Knoxville, Tenn.—Wants prices on hardwood and composition flooring for Knoxville Business and Professional Women's Club.

**Flooring.**—Geo. R. Spencer, Chmn., Building Committee, Pageland, S. C.—Wants prices on tile and hardwood flooring for \$50,000 high school.

**Flooring.**—Capital Building & Loan Assn., O. M. Thompson, Sec.-Treas., Box 136 Baton Rouge, La.—Wants prices on terrazzo and linoleum flooring for \$30,000 office building.

**Flooring (Linoleum).**—Rev. J. Scott Blystone, 112 S. Ball St., Webb City, Mo.—Wants prices on linoleum flooring for \$10,000 church.

**Flooring.**—Kelwood Co., Inc., 903 Travis Bldg., San Antonio, Tex.—Wants prices on tile, terrazzo and hardwood flooring for \$60,000 church, Brownsville, Tex.

**Flooring.**—M. B. Welch, Contr., 714 Central Ave., St. Petersburg, Fla.—Wants prices on tile, hardwood, linoleum, rubber tile and composition flooring for \$100,000 apartment house.

**Flooring.**—U. W. Gunter, Shelbyville, Tenn.—Wants prices on tile, terrazzo and linoleum flooring for office building.

**Flooring.**—Robinson & Slagle, Inc., 1103 American Bldg., Baltimore, Md.—Wants prices on tile, hardwood, linoleum, rubber tile and composition flooring for dwellings.

**Flooring (Tile).**—Tom Thompson, Perryton, Tex.—Wants prices on flooring tile for \$25,000 theater building.

**Flooring.**—Louis C. Urban, 307 E. River St., Victoria, Tex.—Wants prices on tile, hardwood and rubber-tile flooring for \$8000 dwelling.

**Flooring (Terrazzo).**—Cooper & Mulherin Construction Co., 207 Leonard Bldg., Augusta, Ga.—Wants prices on terrazzo flooring.

**Gasoline, etc.**—Marine Corps, Quartermaster's Dept., Washington, D. C.—Receives bids Sept. 27 to furnish gasoline, kerosene and fuel oil; delivery Quantico, Va.; Sch. 149.

**Gasoline Storage and Pumping Outfits.**—Marine Corps, Quartermaster's Dept., Washington, D. C.—Receives bids Sept. 27 to furnish one gasoline storage and pumping outfit; delivery Marine Corps garage, 26th and E St.; Sch. No. 150.

**Generator Set.**—W. M. Smith & Co., First Ave., Birmingham, Ala.—Wants direct connected A. C. generator, 400 to 600 kw., preferably 550 to 600 volts.

**Gravel.**—Natchitoches, La. See Construction News—Roads, Streets, Paving.

**Greenhouse Supplies, etc.**—J. K. Smith, Sec. DeRidder Chamber of Commerce, DeRidder, La.—Wants data and prices on materials and supplies for construction of hothouse.

**Glass-Grinding and Polishing Machinery.**—Auto Glass & Radiator Shop, 128 Center (Fifth) St., Augusta, Ga.—Wants prices and catalogues on glass-grinding, boring and polishing machines.

**Glycerine, etc.**—U. S. Veterans Bureau, Supply Division, Washington, D. C.—Receives bids Sept. 28 for 70 tins glycerine, U. S. P., 50 lbs. in tin, and 40 tins petrolatum, heavy U. S. P., 5 gal. in tin.

**Heating Plant.**—Virginia Polytechnic Institute, Dr. Julian A. Burress, Pres., Blacksburg, Va.—Receives bids Sept. 24 for heating equipment in new dormitory.

**Hoisting Apparatus.**—See Slate Quarry Equipment.

**Hollow Tile.**—Capital Building & Loan Assn., O. M. Thompson, Sec.-Treas., Box 136, Baton Rouge, La.—Wants prices on hollow tile for \$30,000 office building.

**Hollow Tile.**—Kaucher-Hodges & Co., Contrs., 983 Shrine Bldg., Memphis, Tenn.—Wants prices on hollow tile for \$375,000 Hotel Tivoli, Biloxi, Miss.

In writing to parties mentioned in this department it will be of advantage to all concerned if the Manufacturers Record is mentioned.



**Hollow Tile.**—M. B. Welch, Contr., 714 Central Ave., St. Petersburg, Fla.—Wants prices on hollow tile for \$100,000 apartment house.

**Hollow Tile.**—J. R. Forner Construction Co., Ritz Bldg., Tulsa, Okla.—Wants prices on hollow tile for St. Francis Xavier parish school and residence.

**Hospital Furnishings, etc.**—John H. Cunningham, Pres., P. & S. Hospital Corp., Gunter Bldg., San Antonio, Tex.—Wants prices on equipment, etc., \$100,000, for \$750,000 hospital.

**Hospital Furnishings, etc.**—Nina P. Davison, Supt. Watts Hospital, Broad St., Durham, N. C.—Wants prices on equipment, etc., \$25,000, for hospital addition.

**Hydraulic Hoists, etc.**—Marine Corps, Quartermaster's Dept., Washington, D. C.—Receives bids Sept. 30 to furnish 5 vertical hydraulic hoists and 5 end dump truck bodies; delivery Quantico, Va. Sch. No. 158.

**Incinerators.**—M. B. Welch, Contr., 714 Central Ave., St. Petersburg, Fla.—Wants prices on incinerators for \$100,000 apartment house.

**Incinerators.**—Collins Bros. Contracting Co., Biloxi, Miss.—Wants prices on incinerators for \$50,000 apartment house.

**Incinerators.**—C. D. Creviston, 520 Keystone Bldg., Houston, Tex.—Wants prices on incinerators for \$15,000 residence.

**Insulators.**—Hackley Morrison Co. (Mch. Dealer), 1708 Lewis St., Richmond, Va.—Wants 1500 2200-volt insulators.

**Jointer.**—U. S. Veterans Bureau, Supply Division, Washington, D. C.—Receives bids Sept. 30 for 6-in. jointer or hand planer, bench type, without floor pedestal.

**Kitchen Equipment.**—U. S. Veterans Bureau, Supply Division, Washington, D. C.—Receives bids Sept. 30 to furnish kitchen equipment for U. S. V. Hospital at Fort Snelling, Minn.

**Lawn Mower.**—U. S. Veterans Bureau, Supply Division, Washington, D. C.—Receives bids Sept. 25 for one power lawn mower.

**Levee.**—St. Francis Levee Dist., H. D. Tomlinson, Pres., Bridge Junction, Ark.—Receives bids Oct. 4 to construct approximately 70,000 cu. yd. sub-levee; H. N. Pharr, Ch. Engr.

**Lightning Arresters.**—Hackley Morrison Co. (Mch. Dealer), 1708 Lewis St., Richmond, Va.—Wants 8 lightning arresters.

**Limestone.**—Mary A. Elliott, Sec., Chamber of Commerce, Knoxville, Tenn.—Wants prices on limestone for Knoxville Business and Professional Women's Club.

**Limestone.**—Charles A. Mullis, 302 Chadwick Ave., Charlotte, N. C.—Wants prices on limestone for apartment house.

**Linoleum.**—U. S. Veterans Bureau, Room 791, Arlington Bldg., Washington, D. C.—Receives bids Oct. 12 to furnish and lay linoleum floor covering, approximately 1660 sq. yds., at U. S. V. Hospital No. 90, Muskogee, Okla.

**Mail Chutes and Boxes.**—Charles A. Mullis, 302 Chadwick Ave., Charlotte, N. C.—Wants prices on mail chute and boxes for 6-apartment house.

**Mail Chutes.**—U. W. Gunter, Shelbyville, Tenn.—Wants prices on mail chutes for office building.

**Marble.**—S. W. Thorp, Supt., Baldwin County Board of Education, Bay Minette, Ala.—Wants prices on marble for \$35,000 High School, Robertsdale.

**Marble.**—U. W. Gunter, Shelbyville, Tenn.—Wants prices on marble for fireproof office building.

**Marble.**—Robinson & Slagle, Inc., 1103 American Bldg., Baltimore, Md.—Wants prices on marble for dwellings.

**Marble.**—Kaucher-Hodges & Co., cOntrs., 983 Shrine Bldg., Memphis, Tenn.—Wants prices on marble for \$375,000 hotel Tivoli, Biloxi, Miss.

**Metal Ceilings.**—R. H. Stuckey, Archt., Wilbarger St., Vernon, Tex.—Wants prices on metal ceilings for business building.

**Metal Ceilings.**—Tom Thompson, Perryton, Tex.—Wants prices on metal ceilings for \$25,000 theater building.

**Metal Ceilings.**—Louis C. Urban, 307 E. River St., Victoria, Tex.—Wants prices on metal ceilings for \$8000 dwelling.

**Metal Doors.**—H. I. Devore, 635 N. Main St., Springfield, Mo.—Wants prices on metal doors for wholesale fruit and cold-storage building.

**Metal Doors.**—Tom Thompson, Perryton, Tex.—Wants prices on metal doors for \$25,000 theater building.

**Metal Doors.**—M. B. Welch, Contr., 714

Central Ave., St. Petersburg, Fla.—Wants prices on metal doors for \$100,000 apartment house.

**Metal Doors.**—Atwood & Nash, Inc., Chapel Hill, N. C.—Wants prices on metal doors for \$125,000 hospital addition, Durham, N. C.

**Metal Doors.**—S. G. Farmer, Telephone Bldg., Dothan, Ala.—Wants prices on metal doors for \$142,000 First Baptist Church.

**Metal Doors.**—Charles A. Mullis, 302 Chadwick Ave., Charlotte, N. C.—Wants prices on metal doors for apartment house.

**Metal Doors.**—Kaucher-Hodges & Co., cOntrs., 983 Shrine Bldg., Memphis, Tenn.—Wants prices on metal doors for \$375,000 Hotel Tivoli, Biloxi, Miss.

**Metal Doors.**—J. R. Forner Construction Co., Ritz Bldg., Tulsa, Okla.—Wants prices on metal doors for St. Francis Xavier parish school and residence.

**Metal Doors.**—George R. Spencer, Chmn. Building Committee, Pageland, S. C.—Wants prices on metal doors for \$50,000 high school.

**Metal Lath.**—Bradley Bros. Construction Co., Box 1031, Laurel, Miss.—Wants sub-bids on metal lath for \$25,000 clinic, Gulfport, Miss.

**Metal Work.**—Bradley Bros. Construction Co., Box 1031, Laurel, Miss.—Wants sub-bids on metal work for \$25,000 clinic, Gulfport, Miss.

**Millwork.**—Bradley Bros. Construction Co., Box 1031, Laurel, Miss.—Wants sub-bids on millwork for \$25,000 clinic, Gulfport, Miss.

**Miscellaneous Supplies.**—Panama Canal, A. L. Flint, General Purchasing Officer, Washington, D. C.—Receives bids Oct. 1 to furnish steel, glass, bricks, dies, taps, door locks, hinges, bolts, missing chain links, screws, staples, metal pails, drink mixers, paint, grease, brakeband lining, glove fasteners, etc. Blank form and information (Circular 1758) on application to offices of Panama Canal; Asst. Purchasing Agents at Fort Mason, San Francisco, Cal.

**Motors.**—Tennessee Slate Products Co., Jas. L. Cawthon, Sec., Maryville, Tenn.—Wants prices on electric motors for slate quarry.

**Official Receipt Forms.**—U. S. Veterans Bureau, Supply Division, Washington, D. C.—Receives bids Sept. 24 for 210,000 official receipt forms, No. 1149, various colors, arranged for manifolding on the Elliott-Fisher bookkeeping machine; 1000 sheets of one color wound on roll.

**Painting.**—Bradley Bros. Construction Co., Box 1031, Laurel, Miss.—Wants sub-bids on painting for \$25,000 clinic, Gulfport, Miss.

**Painting.**—U. S. Veterans Bureau, Room 791, Arlington Bldg., Washington, D. C.—Receives bids Oct. 5 for exterior painting of buildings at U. S. V. H. No. 98, Castle Point, New York.

**Paper Napkins, etc.**—U. S. Veterans Bureau, Supply Division, Washington, D. C.—Receives bids Sept. 30 for 3,000,000 paper napkins, 3000 reams typewriter paper, 200,000 Kraft paper bags, 5 lb., and 75,000 Kraft paper bags, 25 lb.

**Paving.**—Baltimore, Md. See Construction News—Roads, Streets, Paving.

**Paving.**—St. Albans, W. Va. See Construction News—Roads, Streets, Paving.

**Paving.**—Tampa, Fla. See Construction News—Roads, Streets, Paving.

**Paving.**—Baton Rouge, La. See Construction News—Roads, Streets, Paving.

**Paving.**—Huntington, W. Va. See Construction News—Roads, Streets, Paving.

**Paving.**—Philadelphia, Miss. See Construction News—Roads, Streets, Paving.

**Paving, etc.**—Tampa, Fla. See Construction News—Roads, Streets, Paving.

**Pipe (Galvanized Iron).**—See Water Works.

**Pipe (Cast Iron).**—See Water Works.

**Pipe (Galvanized).**—See Water Works.

**Pipe Fittings.**—See Water Works.

**Planer.**—Ledbetter Motor & Supply Co., 390 Southside Ave., Asheville, N. C.—Wants slightly used small planer, to handle anything up to 6x24; state condition and full specifications.

**Plaster.**—Bradley Bros. Construction Co., Box 1031, Laurel, Miss.—Wants sub-bids on plaster for \$25,000 clinic, Gulfport, Miss.

**Plaster Board.**—Kelwood Co., Inc., 903 Travis Bldg., San Antonio, Tex.—Wants prices on plaster board for \$60,000 church, Brownsville, Tex.

**Plaster Board.**—M. B. Welch, Contr., 714

Central Ave., St. Petersburg, Fla.—Wants prices on plaster board for \$100,000 apartment house.

**Plaster Board.**—Charles A. Mullis, 302 Chadwick Ave., Charlotte, N. C.—Wants prices on plaster board for apartment house.

**Plaster Board.**—George R. Spencer, Chmn. Building Committee, Pageland, S. C.—Wants prices on plaster board for \$50,000 high school.

**Plaster Board.**—Mary A. Elliott, Sec., Chamber of Commerce, Knoxville, Tenn.—Wants prices on plaster board for Business and Professional Women's Club.

**Pulverizing Crushers.**—See Slate Quarry Equipment.

**Pumps.**—See Water Works.

**Pumps.**—See Slate Quarry Equipment.

**Pump.**—Spoon, Lewis & Camp, Const. Engrs., American Bank Bldg., Greensboro, N. C.—Wants deep well pump for water works at Liberty, N. C.

**Pumping Outfit.**—Marine Corps, Quartermaster's Dept., Washington, D. C.—Receives bids Sept. 28 to furnish one pumping outfit; delivery Hampton Roads, Va. Sch. No. 151.

**Radiator Shop Supplies.**—Auto Glass and Radiator Shop, 128 Center (Fifth) St., Augusta, Ga.—Wants prices and catalogs on rubber stoppers or plugs, radiator cores, gas torch, wire solder, wire brushes and other tools for radiator shop.

**Rails.**—See Slate Quarry Equipment.

**Record Books.**—Board of Awards, F. A. Delfield, City Register, Baltimore, Md.—Receives bids Sept. 29 to furnish 96 company record books for Fire Dept. of Baltimore; John A. Slowik, City Librarian.

**Refrigeration Equipment.**—J. C. Beasley, Mgr., Glennville Mfg. Co., Glennville, Ga.—Wants complete data on refrigeration equipment, 20-ton plant.

**Residence Furnishings, etc.**—C. D. Creviston, 520 Keystone Bldg., Houston, Tex.—Wants prices on equipment for \$15,000 residence.

**Road.**—Kerrville, Tex. See Construction News—Roads, Streets, Paving.

**Road.**—Huntington, W. Va. See Construction News—Roads, Streets, Paving.

**Road.**—Augusta, Ga. See Construction News—Roads, Streets, Paving.

**Road.**—Beaumont, Tex. See Construction News—Roads, Streets, Paving.

**Road.**—Baird, Tex. See Construction News—Roads, Streets, Paving.

**Road.**—Coldspring, Tex. See Construction News—Roads, Streets, Paving.

**Road.**—Jackson, Miss. See Construction News—Roads, Streets, Paving.

**Road.**—Natchitoches, La. See Construction News—Roads, Streets, Paving.

**Road.**—Palatka, Fla. See Construction News—Roads, Streets, Paving.

**Road.**—State of Oklahoma will build 14 roads. See Construction News—Roads, Streets, Paving.

**Rolling Partitions.**—Kelwood Co., Inc., 903 Travis Bldg., San Antonio, Tex.—Wants prices on rolling partitions for \$60,000 church, Brownsville, Tex.

**Rolling Partitions.**—M. B. Welch, Contr., 714 Central Ave., St. Petersburg, Fla.—Wants prices on rolling partitions for \$100,000 apartment house.

**Rolling Partitions.**—Mary A. Elliott, Sec. Chamber of Commerce, Knoxville, Tenn.—Wants prices on rolling partitions for Knoxville Business and Professional Women's Club.

**Roofing (Composition).**—Charles A. Mullis, 302 Chadwick Ave., Charlotte, N. C.—Wants prices on composition roofing for apartment house.

**Roofing (Composition).**—George R. Spencer, Chmn. Building Committee, Pageland, S. C.—Wants prices on composition roofing for \$50,000 high school.

**Roofing.**—J. R. Forner Construction Co., Ritz Bldg., Tulsa, Okla.—Wants prices on composition and tile roofing for St. Francis Xavier parish school and residence.

**Roofing (Composition).**—Mary A. Elliott, Sec., Chamber of Commerce, Knoxville, Tenn.—Wants prices on composition roofing for Knoxville Business and Professional Women's Club.

**Roofing (Composition).**—R. H. Stuckey, Archt., Wilbarger St., Vernon, Tex.—Wants prices on composition roofing for business building.

**Roofing.**—Bradley Bros. Construction Co., Box 1031, Laurel, Miss.—Wants sub-bids on built-up roofing for \$25,000 clinic, Gulfport, Miss.

In writing to parties mentioned in this department it will be of advantage to all concerned if the Manufacturers Record is mentioned.

**Roofing (Composition).**—Rev. J. Scott Blystone, 112 S. Ball St., Webb City, Mo.—Wants prices on composition roofing for \$10,000 church.

**Roofing.**—Tom Thompson, Perryton, Tex.—Wants prices on composition and tile roofing for \$25,000 theater building.

**Roofing (Composition).**—S. G. Farmer, Telephone Bldg., Dothan, Ala.—Wants prices on composition roofing for \$142,000 First Baptist Church.

**Roofing (Composition).**—McCracken County Board of Education, C. H. Gentry, Supt., Paducah, Ky.—Wants prices on composition roofing for \$19,000 Reidland school building.

**Roofing (Composition).**—Kelwood Co., Inc., 903 Travis Bldg., San Antonio, Tex.—Wants prices on composition roofing for \$60,000 church, Brownsville, Tex.

**Roofing (Composition).**—S. W. Thorp, Supt. Baldwin County Board of Education, Bay Minette, Ala.—Wants prices on composition roofing for \$35,000 high school, Robertsdale.

**Roofing (Composition).**—Cooper & Mulherin Construction Co., 207 Leonard Bldg., Augusta, Ga.—Wants prices on composition roofing.

**Roofing Tile.**—Kelwood Co., Inc., 903 Travis Bldg., San Antonio, Tex.—Wants prices on roofing tile for \$60,000 church, Brownsville, Tex.

**Roofing Tile.**—C. D. Creviston, 520 Keystone Bldg., Houston, Tex.—Wants prices on roofing tile for \$15,000 residence.

**Roofing Tile.**—Atwood & Nash, Inc., Chapel Hill, N. C.—Wants prices on roofing tile for \$125,000 hospital addition, Durham, N. C.

**Rubber Stair Treads, etc.**—J. J. Cates, Route A, Sanford, Fla.—Wants data on rubber stair treads, rubber mats, air cushions, etc.; correspond with manufacturers.

**Rubber Tile Flooring.**—J. W. Apperson, Buena Vista Hotel, Biloxi, Miss.—Wants data and prices on rubber tile flooring; correspond with manufacturers.

**Screens.**—See Slate Quarry Equipment.

**Sewers.**—City of Baltimore, Md., Howard W. Jackson, Pres., Board of Awards—Receives bids Sept. 29 for building storm drains and sanitary sewers and railroad tunnel in Sewer District No. 38, Storm Water Contract No. 91; work includes 9600 cu. yds. earth excavation, 3600 cu. yds. rock excavation, 590 ft. of 20 by 7 ft. 10 in. and 60 ft. of 20 by 6 ft. 4 in. semi-elliptical brick and concrete drain, 168 ft. of 30-ft. semi-circular tunnel, 600 ft. 21-in. vitrified sewer pipe, 700 ft. of 8-in. underdrain, 45 ft. standard manhole; Milton J. Ruark, Sewerage Engr.

**Sewers.**—Dist. Commrs., Washington, D. C.—Receives bids Sept. 28 for constructing about 2360 ft. of sewer.

**Sewers.**—See Water Works.

**Sidewalks.**—Tampa, Fla. See Construction News—Roads, Streets, Paving.

**Sidewalks.**—Canton, Ga. See Construction News—Roads, Streets, Paving.

**Slate Quarry Equipment.**—Tennessee Slate Products Co., Jas. L. Cawthon, Sec., Maryville, Tenn.—Wants prices on equipment for slate quarry to handle 300 tons material for granulating, getting dimension stock and sheet slate shingles, aerial cableway, electric power; also hoists, derricks, hoisting apparatus, screens, pulverizing crushers, tram cars, light track, pumps, elevators, etc.

**Solder.**—Auto Glass and Radiator Shop, 128 Center (Fifth) St., Augusta, Ga.—Wants wire solder.

**Sprinklers.**—U. W. Gunter, Shelbyville, Tenn.—Wants prices on sprinklers for office building.

**Sprinkler System.**—M. B. Welch, Contr., 714 Central Ave., St. Petersburg, Fla.—Wants prices on sprinkler system for \$100,000 apartment house.

**Steam Heating Plant.**—McCracken County Board of Education, C. H. Gentry, Supt., Paducah, Ky.—Wants prices on steam heating plant for \$19,000 Reidland school building.

**Steel Sash and Trim.**—Charles A. Mullis, 302 Chadwick Ave., Charlotte, N. C.—Wants prices on steel sash and trim for apartment house.

**Steel Sash and Trim.**—S. G. Farmer, Telephone Bldg., Dothan, Ala.—Wants prices on steel sash and trim for \$142,000 First Baptist Church.

**Steel Sash and Trim.**—Kelwood Co., Inc., 903 Travis Bldg., San Antonio, Tex.—Wants prices on steel sash and trim for \$60,000 church, Brownsville, Tex.

**Steel Sash and Trim.**—J. R. Forner Construction Co., Rita Bldg., Tulsa, Okla.—Wants prices on steel sash and trim for St.

Francis Xavier parish school and residence.

**Steel Cabinets.**—U. S. Veterans Bureau, Supply Division, Washington, D. C.—Receives bids Sept. 23 for 2 steel cabinets; The Benton Mfg. Co.'s No. X-1533 or equal.

**Steel Sash and Trim.**—U. W. Gunter, Shelbyville, Tenn.—Wants prices on steel sash and trim for office building.

**Steel Sash and Trim.**—H. I. Devore, 635 N. Main St., Springfield, Mo.—Wants prices on steel sash and trim for wholesale fruit and cold-storage building.

**Steel Sash and Trim.**—Louis C. Urban, 307 E. River St., Victoria, Tex.—Wants prices on steel sash and trim for \$8000 dwelling.

**Steel Sash and Trim.**—Atwood & Nash, Inc., Chapel Hill, N. C.—Wants prices on steel sash and trim for \$125,000 hospital addition, Durham, N. C.

**Steel Sash and Trim.**—Capital Building & Loan Assn., O. M. Thompson, Sec.-Treas., Box 136, Baton Rouge, La.—Wants prices on steel sash and trim for \$30,000 office building.

**Street.**—Houston, Tex. See Construction News—Roads, Streets, Paving.

**Street.**—Clarksburg, W. Va. See Construction News—Roads, Streets, Paving.

**Street.**—Etowah, Tenn. See Construction News—Roads, Streets, Paving.

**Street.**—Kingsport, Tenn. See Construction News—Roads, Streets, Paving.

**Street.**—Bunnell, Fla. See Construction News—Roads, Streets, Paving.

**Street.**—Sherman, Tex. See Construction News—Roads, Streets, Paving.

**Stucco.**—Bradley Bros. Construction Co., Box 1031, Laurel, Miss.—Wants sub-bids on stucco for \$25,000 clinic, Gulfport, Miss.

**Tank and Tower.**—Hackley Morrison Co. (Mchy. Dealer), 1708 Lewis St., Richmond, Va.—Wants one 1500-gal. tank and 40 to 50 ft. tower.

**Tank and Tower.**—See Water Works.

**Terra Cotta Trim.**—George R. Spencer, Chmn. Building Committee, Pageland, S. C.—Wants prices on terra cotta trim for \$50,000 high school.

**Tile.**—U. W. Gunter, Shelbyville, Tenn.—Wants prices on hollow and interior tile for office building.

**Tile.**—Robinson & Slagle, Inc., 1103 American Bldg., Baltimore, Md.—Wants prices on hollow and interior tile for dwellings.

**Tile.**—C. D. Creviston, 520 Keystone Bldg., Houston, Tex.—Wants prices on hollow and interior tile for \$15,000 residence.

**Tile.**—Tom Thompson, Perryton, Tex.—Wants prices on hollow, interior, flooring and roofing tile for \$25,000 theater building.

**Tile.**—Atwood & Nash, Inc., Chapel Hill, N. C.—Wants prices on hollow tile for \$125,000 hospital addition, Durham, N. C.

**Tile.**—Kelwood Co., Inc., 903 Travis Bldg., San Antonio, Tex.—Wants prices on hollow and interior tile for \$60,000 church, Brownsville, Tex.

**Tile.**—Louis C. Urban, 307 E. River St., Victoria, Tex.—Wants prices on hollow tile for \$8000 dwelling.

**Tram Cars.**—See Slate Quarry Equipment.

**Transformers.**—Hackley Morrison Co. (Mchy. Dealer), 1708 Lewis St., Richmond, Va.—Wants twenty 2 kw., ten 5 kw. and three 10 kw. transformers.

**Ventilators.**—George R. Spencer, Chmn. Building Committee, Pageland, S. C.—Wants prices on ventilators for \$50,000 high school.

**Voltmeters.**—Hackley Morrison Co. (Mchy. Dealer), 1708 Lewis St., Richmond, Va.—Wants 100 5-amp. 10 voltmeters.

**Valves.**—See Water Works.

**Vaults.**—U. W. Gunter, Shelbyville, Tenn.—Wants prices on vaults for office building.

**Valves.**—See Water Works.

**Vaults.**—Capital Building & Loan Assn., O. M. Thompson, Sec.-Treas., Box 136, Baton Rouge, La.—Wants prices on vaults for \$30,000 office building.

**Vault Lights.**—Capital Building & Loan Assn., O. M. Thompson, Sec.-Treas., Baton Rouge, La.—Wants prices on vault lights for \$30,000 office building.

**Ventilators.**—U. W. Gunter, Shelbyville, Tenn.—Wants prices on ventilators for office building.

**Ventilators.**—Robinson & Slagle, Inc., 1103 American Bldg., Baltimore, Md.—Wants prices on ventilators for dwellings.

**Ventilators.**—Kelwood Co., Inc., 903 Travis Bldg., San Antonio, Tex.—Wants prices on

ventilators for \$60,000 church, Brownsville, Tex.

**Ventilators.**—Tom Thompson, Perryton, Tex.—Wants prices on ventilators for \$25,000 theater building.

**Ventilators.**—M. B. Welch, Contr., 714 Central Ave., St. Petersburg, Fla.—Wants prices on ventilators for \$100,000 apartment house.

**Ventilators.**—S. G. Farmer, Telephone Bldg., Dothan, Ala.—Wants prices on ventilators for \$142,000 First Baptist Church.

**Waste Receptacles.**—U. S. Veterans Bureau, Supply Division, Washington, D. C.—Receives bids Sept. 27 for 12 self-closing waste receptacles, size approximately 16x16x33 $\frac{3}{4}$  in. high; Solar Sturges Mfg. Co.'s No. 30 or equal.

**Water Works.**—Town of Nutter Fort, W. Va., H. B. Squires, Mayor—Receives bids Oct. 4 for installing water mains; approximately 3000 ft. of 8-in., 12,000 ft. of 6-in. and 11,000 ft. of 2-in. cast-iron mains; alternate bid 11,000 ft. of 2-in. galvanized mains; 45 fire hydrants; Hornor Bros., Engrs., Hornor Bldg., Clarksburg.

**Water-Softening Plant.**—U. S. Veterans Bureau, Room 791, Arlington Bldg., Washington, D. C.—Receives bids Oct. 19 for water-softening plant, to be installed for U. S. Veterans Bureau at National Home for Disabled Volunteer Soldiers, Battle Mountain Sanitarium, Hot Springs, S. D.

**Water Mains.**—City of Baltimore, Md., Howard W. Jackson, Pres.—Opens bids Oct. 6 for excavating trenches and laying water mains in Argonne Drive; plans and specifications on file at office of V. Bernard Siems, Water Engr., Room 205, City Hall, on and after Sept. 25.

**Water Works.**—City of Hohenwald, Tenn., Thos. J. Petway, Mayor—Receives bids Sept. 28 for water-works system, including complete distribution system of cast iron and galvanized iron pipe, elevated steel tank, motor-driven pumps, valves, fire hydrants, etc.; principal quantities in distribution system are 2880 ft. of 8-in., 18,314 ft. of 6-in., 2730 ft. of 4-in., 2620 ft. of 2-in. and 7520 ft. of 1 $\frac{1}{2}$ -in. pipe; Klyce & Harrub, Engrs., 506 Fourth and First National Bank Bldg., Nashville.

**Water Works.**—City of Old Fort, N. C.—Receives bids Sept. 28 for water works improvements, including 1000 ft. of 8-in. and 6500 ft. of 10-in. cast-iron pipe, constructing 500,000 gal. reservoir and installing chlorinating equipment, valve, fittings, etc.; Spoon, Lewis & Camp, Const. Engrs., American Bank Bldg., Greensboro.

**Water Works.**—Town of Homerville, Ga., Dr. A. H. Culpepper, Mayor—Receives bids Sept. 30 for materials and labor to construct sewers and water works, including machinery and equipment of all kinds to construct approximately 2 miles sanitary sewers, one septic tank and labor only to construct 2 miles water mains complete in place; C. V. Downing, Engr., Lake City.

**Water Works.**—City of Cotulla, Tex.—Receives bids Sept. 28 for furnishing and erecting 100,000-gal. capacity elevated steel water tank and tower. Address City Sec.

**Wire.**—Hackley Morrison Co. (Mchy. Dealer), 1708 Lewis St., Richmond, Va.—Wants 24 miles of No. 6 weatherproof wire.

**Wire Glass.**—U. W. Gunter, Shelbyville, Tenn.—Wants prices on wire glass for office building.

**Wire Glass.**—Tom Thompson, Perryton, Tex.—Wants prices on wire glass for theater building.

**Wire Glass.**—Atwood & Nash, Inc., Chapel Hill, N. C.—Wants prices on wire glass for \$125,000 hospital addition, Durham, N. C.

**Wire Glass.**—Capital Building & Loan Assn., O. M. Thompson, Sec.-Treas., Box 136, Baton Rouge, La.—Wants prices on wire glass for \$30,000 office building.

**Wire Glass.**—Kaucher & Hodges & Co., Contrs., 983 Shrine Bldg., Memphis, Tenn.—Wants prices on wire glass for \$375,000 Hotel Tivoli, Biloxi, Miss.

**Wire Glass.**—S. G. Farmer, Telephone Bldg., Dothan, Ala.—Wants prices on wire glass for \$142,000 First Baptist Church.

**Wire Glass.**—Charles A. Mullis, 302 Chadwick Ave., Charlotte, N. C.—Wants prices on wire glass for apartment house.

**Woodworkers.**—U. S. Veterans Bureau, Supply Division, Washington, D. C.—Receives bids Sept. 24 for two 30-in. woodworkers with planer attachment.

**X-Ray Developing Powder.**—U. S. Veterans Bureau, Supply Division, Washington, D. C.—Receives bids Sept. 25 for 1000 pkgs. X-ray developing powder, 1-gal. sizes.

In writing to parties mentioned in this department it will be of advantage to all concerned if the Manufacturers Record is mentioned.



## INDUSTRIAL NEWS OF INTEREST

Items of news about industrial, railroad or financial interests, building operations, construction work, municipal improvements, or the sale of machinery or the letting of contracts in the South or Southwest, are invited from our readers whether they are advertisers, or subscribers, or not. We invite information of this character from readers in the North and West about their Southern business operations, as well as from Southern readers. News of value will be published just as readily when from non-advertisers as from advertisers.

### Electric Light Plant to Be Sold.

Announcement is made elsewhere in this issue that the City Council of Kinston, N. C., will receive offers for its municipal electric light plant, with franchise to conduct business in Kinston, at a meeting to be held on October 18 at 8 o'clock P. M. Further particulars will be found in the advertisement.

### General Electric Automatic Stations.

Bulletin GEA-90A of the General Electric Company, Schenectady, N. Y., which supersedes GEA-90, has as its subject "Automatic Stations Up to January 1, 1926." It is finely illustrated and also has a complete list of these stations, together with a map of the United States showing their wide distribution.

### Carborundum Sales Changes.

The Carborundum Company, Niagara Falls, N. Y., has made several changes of district sales managers. Farrand Hall, for several years district sales manager of the Cleveland (Ohio) territory, has been transferred to the sales department of the main plant at Niagara Falls. Harry Collinson is district sales manager at Cleveland; he was district sales manager at Milwaukee, Wis. Carl J. Steuber is appointed district sales manager at Milwaukee to succeed Mr. Collinson. Mr. Steuber was formerly a special service representative in the carborundum coated abrasive division. These appointments took effect September 1.

### Lighting Equipment Exhibition.

The Artistic Lighting Equipment Association, formerly the National Council of Lighting Fixture Manufacturers, are completing plans for the largest and most elaborate display of lighting equipment ever undertaken by the industry, embracing fixtures, wall brackets, floor, bridge and table lamps, metal furniture, industrial and commercial lighting units, illuminating glassware, shades, lighting equipment, accessories, parts and supplies of all kinds. These displays and demonstrations will be a part of the national exhibition to be held at the Hollenden Hotel, Cleveland, Ohio, January 31 to February 5, 1927, inclusive. The National Association of Lighting Equipment Dealers propose to hold their meeting and convention at the same time and place.

### Elwell-Parker Super Lift Tractor.

Announcement of the "Super-Lift Tractor" has been made by the Elwell-Parker Electric Company, Cleveland, Ohio, this being the latest addition to their mill-type series. The tractor is driven by storage batteries delivering power through drum-type controllers of new design to motors that are also the product of this company. The machine weighs complete, with battery, approximately 6100 pounds, and not only transports 20,000 pounds but picks up this big load and sets it down at destination electrically. The over-all efficiency of this new tractor is one of its outstanding characteristics, for it carries more than three times its weight and travels at a rate of 300 to 400 feet per minute. About a year ago the first of these machines was delivered to a large automotive concern, and it operated so successfully that the fleet at that plant has become one of the largest.

### Service Engineer Appointed.

Effective immediately, C. H. Johnson has been appointed engineer, service department, of the Timken Roller Bearing Company. He will have direct charge of the installation of Timken bearings in automotive and industrial applications.

### New York Manager Appointed.

R. E. McKee, former assistant manager of the tie and timber sales department of the Long-Bell Lumber Company at the home office in Kansas City, Mo., has been transferred to the position of manager of the New York sales office of the company. Mr. McKee left Kansas City for New York city September 16.

### Agents Appointed South.

W. H. Nicholson & Co., manufacturers of machinery and steam specialties, Wilkes-Barre, Pa., have appointed agents in the South as follows: Atlanta, Ga., J. R. Whitman, Bona Allen Building; Birmingham, Ala., Smith-Meadows Supply Co., 1629 Avenue A South; Charleston, S. C., M. K. Moore & Co., 4 Broad street; Galveston, Texas; Houston, Texas, and Mobile, Ala., A. K. Miller Engineering Co.

### District Engineer Appointed.

The Portland Cement Association has appointed Charles C. Jordan as district engineer of its Birmingham office, Age-Herald Building, Birmingham, Ala., having charge of association work in Alabama and that part of Florida west of the Alabama-Georgia state line. Mr. Jordan is a graduate civil engineer of Vanderbilt University and for some years has had broad engineering experience.

### Sale at Boston Navy Yard.

A sale of Navy surplus and surveyed material is to take place at the Navy Yard in Boston, Mass., on October 8, according to a formal announcement that appears elsewhere in this issue. The material to be disposed of includes non-ferrous and ferrous metals, several hundred grappels, more than a hundred fire extinguishers, hardware, hand tools, machine tools, etc. Further particulars will be found in the advertisement.

### Beaumont Skip Lift a New Device.

A much easier and simpler way to elevate bulk materials has been made possible by the recent development and perfection of the Beaumont Skip Lift, a product of the R. H. Beaumont Company of Philadelphia. This device is described as the simplest ever developed for elevating granular products; it consists of only a bucket, guides, a cable and an electrically operated winding machine. It is stated that two distinct applications can be made with the Skip Lift, one where the elevating is adjacent to a building, the guides being supported by the building wall, the other where the elevating is in isolated locations and the lift is of a self-supporting type. Three methods of operation are possible with this device, viz.—full-automatic, semi-automatic and manual. It is claimed that the bucket will handle hard, lumpy material as readily as it will handle fine, dusty material. Thus there are many uses for it in every industry. The company has issued a bulletin giving particulars.

### Belmont Iron Works and the "Sesqui."

The Belmont Iron Works, Philadelphia, Pa., is sending to its friends complimentary copies of "Philadelphia: The Sesqui-Centennial City," a large and finely illustrated publication showing the features of the Sesqui-Centennial Exposition now being held there. The pictures are excellently done, and accurate, representing not only the principal edifices of interest at the exposition, but many of the historic landmarks of the city of Philadelphia. The Belmont Iron Works built the steel work for the Auditorium, the Palace of Fine Arts, the Cyclorama and other structures at the exposition, besides several industrial plants that are also illustrated in the book, which is a Sesqui-Centennial publication generally sold at and around the exposition grounds, which are immediately adjacent to the League Island Navy Yard.

### Trade Literature

#### Gibson Window Folder.

"Look Thru the Gibson Window," says the front page of a little folder published by the Gibson Window Company, 31 Exchange street, Room 401, Rochester, N. Y. Among the advantages claimed for this window is the fact that it can be washed from the inside. It is also said to be durable, storm-tight and firm; it will not rattle. Illustrations show just how the window is operated.

#### Niagara Electric Radiators and Heaters.

A circular lately received describes and illustrates the electric radiators and air heaters manufactured by the Buffalo Gas Radiator Corporation, North Tonawanda, N. Y. It was issued particularly for the South, where these electric units are making a strong appeal for heating on chilly days when a little warmth is appreciated within doors. It says that the Niagara electric steam radiator and the electric air heater bearing the same name have many uses.

#### An Old and Progressive Firm.

"Thirty Years; a Chronicle of Progress in the Southwest" is the title of a booklet issued by the Briggs-Weaver Machinery Company, Dallas, Texas. As the foreword says, this little book tells about some of the good things that have come about in the last 30 years and also concerning this business concern, which has existed all that time and has participated in some degree in the work of bringing about development. It contains an abundance of exceedingly pertinent and entertaining data as to the progress of the state and the increase of business. C. H. Briggs and J. C. Weaver founded the business in 1896. Personal sketches of them as well as pictures appear, also pictures and sketches of others interested.

#### Master Builders' Specification Books.

The Master Builders Company, 7016 Euclid avenue, Cleveland, Ohio, have published new specification books about concrete hardeners and concrete waterproofings, which have been compiled for the use of architects, engineers, contractors and builders and for engineers in charge of construction and maintenance in industry. It is stated that great care has been exercised in the preparation of the two books to insure their completeness and to provide a convenient form for reference. They are thumb-indexed so that one can immediately turn to any section. Copies will be sent free by the company to those mentioned as interested.

**The Value and Beauty of Brick.**

"Building Economy" for September, a monthly periodical published by Ralph P. Stoddard, 2121 Guarantee Title Building, Cleveland, Ohio, contains a number of entertaining and instructive, as well as finely illustrated articles concerning the value of brick as building material. Structures of ancient times, dwellings and other edifices of Colonial days in America, and also modern buildings, large and small, are pictured as they stand, convincing evidences of the beauty and durability of clay burned in brick form.

**Keystone Lubricator Booklet.**

"The Keystone Safety Lubricator; Questions Answered and Typical Installations Illustrated" is the appropriate title of a booklet of 48 pages published by the Keystone Lubricating Company, 21st and Clearfield streets, Philadelphia, Pa. It contains a thorough discussion of the lubricator and various types of installation are described and illustrated, together with the accessories designed to reduce the time of lubrication attention. The booklet was but lately published. Copies may be had from the company.

**Sauerman Excavator Catalogue.**

Catalogue No. 9, issued by Sauerman Bros., Inc., 438 South Clinton street, Chicago, Ill., bears the title "Excavating for Profit," and it tells in print and pictures of how the Sauerman slackline cableway excavators reduce costs of excavating work where the digging is deep and material has to be moved distances of 200 to 1200 feet. The book has 48 pages and it contains complete information on numerous recent improvements in details of the equipment, such as new types of excavator buckets, roller-bearing blocks, late designs in masts and towers, etc.

**Lumber Report for the Week.**

According to telegraphic reports to the National Lumber Manufacturers Association from 369 of the larger softwood and 144 of the chief hardwood mills of the country for the week ended September 11, the 351 comparably reporting softwood mills show decreases in production, shipments and new business when compared with reports from 347 mills for the week earlier, due to mills closing for Labor Day.

The unfilled orders of 223 Southern Pine and West Coast mills at the end of last week amounted to 657,512,927 feet, as against 652,237,538 feet for 220 mills the previous week. The 115 identical Southern Pine mills in the group showed unfilled orders of 249,578,830 feet last week, as against 255,220,210 feet for the week before. For the 108 West Coast mills the unfilled orders were 407,934,097 feet, as against 397,017,328 feet for 105 mills a week earlier.

Altogether the 351 comparably reporting softwood mills had shipments 93 per cent and orders 97 per cent of actual production. For the Southern Pine mills these percentages were, respectively, 99 and 90, and for the West Coast mills 88 and 103.

Of the reporting mills the 321, with an established normal production for the week of 221,242,606 feet, gave actual production 93 per cent, shipments 87 per cent and orders 90 per cent thereof.

The Southern Pine Association reports from New Orleans that for 115 mills reporting shipments were 1.23 per cent below production and orders 10.21 per cent below production and 9.10 per cent below shipments. New business taken during the week amounted to 56,372,012 feet, shipment's 62,013,392 feet and production 62,785,469 feet. The normal production of these mills is 72,395,388 feet. Of the 112 mills reporting running time, 70 operated full time, 12 of the latter overtime. Three mills were shut down and the rest operated from three to five and one-half days.

The North Carolina Pine Association of Norfolk, Va., with 11 more mills reporting, shows notable increases in all three factors.

The hardwood mills of the Northern Hemlock and Hardwood Manufacturers Association reported from 20 mills production as 870,000 feet, shipments 3,821,000 and orders 5,390,000.

The Hardwood Manufacturers Institute of Memphis, Tenn., reported from 124 units production as 20,326,671 feet, shipments 20,200,223 and orders 20,505,338. The normal production of these units is 21,172,000 feet.

**Airplane Service From Norfolk to Philadelphia.**

Norfolk, Va.—An airplane service between this city and Philadelphia, to be operated on a daily schedule, has been inaugurated by the Philadelphia Rapid Transit Air Service, Inc. A large Fokker monoplane, making its first trip from this city last week carried nine passengers, leaving the landing field at East Camp, near the naval base, and reaching Washington within two hours.

**Census Rubber-Tire and Inner-Tube Industry.**

The Department of Commerce announces that establishments engaged primarily in the manufacture of rubber tires and inner tubes reported a total output valued at \$925,032,833 in 1925, an increase of 43.6 per cent, as compared with \$644,193,697 in 1923, the last preceding census year. Of the total for 1925 \$822,138,213 was contributed by tires and tubes and \$102,894,620 by miscellaneous products. The total production of tires and tubes by all establishments which reported their manufacture for 1925 was valued at \$824,548,604 and was made up as follows: Automobile and truck casings, 58,784,073, valued at \$656,491,733; automobile and truck inner tubes 77,387,836, valued at \$118,234,658; motorcycle and bicycle casings, 2,080,773, valued at \$3,564,933; motorcycle and bicycle inner tubes, 430,888, valued at \$396,394; solid rubber tires for trucks, 1,035,226, valued at \$43,870,387; other solid rubber tires, valued at \$1,990,490. The production of automobile and truck casings and inner tubes increased materially as compared with 1923, but motorcycle and bicycle casings and inner tubes showed pronounced decreases.

Of the 126 establishments reporting for 1925 44 were located in Ohio, 11 in New Jersey, 11 in Pennsylvania, 7 in California, 7 in Indiana, 5 in Connecticut, 5 in New York, 5 in Wisconsin, 4 in Iowa, 3 in Illinois, 3 in Maryland, 3 in Michigan, 3 in North Carolina and the remaining 15 in Alabama, Colorado, Georgia, Massachusetts, Minnesota, Missouri, Nebraska, Oregon, Texas, Washington and West Virginia. Of the 38 establishments lost to the industry since 1923 22 went out of business prior to the beginning of 1925 and 16 were idle during the entire year.

**Foundry Supplies Census.**

According to data collected at the biennial census of manufactures, 1925, the establishments engaged primarily in the manufacture of foundry supplies in that year reported a total output valued at \$12,723,120. The total value of products shows an increase of 24.2 per cent, as compared with \$10,247,864 in 1923, the last preceding census year.

Of the 66 establishments reporting for 1925, 20 were located in Pennsylvania, 19 in Ohio, 9 in Illinois, 6 in New York, 3 each in Alabama and Michigan, 2 in Connecticut and 4 in other states.

The statistics for 1925 and 1923 are summarized in the following statement. The figures for 1925 are preliminary and subject to such corrections as may be found necessary upon further examination of the returns:

	1925	1923	Per cent of increase
Number of establishments.....	66	64	2.5
Wage-earners (average number)...	1,087	906	12.5
Maximum month.....	Nov. 1,169	June 1,045	...
Minimum month.....	Jan. 959	Feb. 855	...
Per cent of maximum.....	82.0	81.8	...
Wages.....	\$1,300,219	\$1,162,068	17.1
Cost of materials (including fuel and electric power).....	\$6,903,678	\$4,822,611	43.2
Products, total value.....	\$12,723,120	\$10,247,864	24.2
Value added by manufacture.....	\$5,819,442	\$5,425,253	7.3
Primary horsepower.....	10,733	7,736	38.7



# Control in Business

Control is the brain of business in action. Stability and progress depend upon it. As it is intelligent so it dominates. Organization, System, Method are hopeless without it. And control is hopeless and worthless, unless founded on, continually supported by, accurate and usable knowledge based on timely facts and figures.

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JACKSON  
DALLAS  
FT. WORTH  
HOUSTON  
SAN ANTONIO  
WACO  
SAN FRANCISCO  
LOS ANGELES

## Dynamite Successfully Used in Digging Drainage Canal at Sebring, Fla.

Lakeland, Fla.

*Editor Manufacturers Record:*

On June 17 last the city of Sebring, Fla., awarded a contract to Baird & Schriber, civil engineers, Lakeland, for digging a canal 3000 feet long, 10 feet bottom, 20 feet top and 3½ feet deep. The purpose of the canal was to regulate the stage of water in Lake Jackson and control the overflow.

The right of way was through a dense growth of bay, water oak, cypress and underbrush, which was cleared by cutting brush and trees, some of them being from three to



COMPLETED CANAL AFTER DYNAMITING.

four feet in diameter. The logs were moved to one side and the stumps left standing. On June 22 operations were commenced, and seven days later the work was completed, approved and accepted by the city. One day of the seven was used to cut the protruding roots and clear out those that had fallen back in. Not a shovel or piece of machinery of any kind was used throughout the work.

Two and one-quarter tons of Du Pont straight dynamite, 100 electric detonators, loading and firing apparatus, axes and machetes were the only tools used.

The soil was a heavy black muck of varying density, from two to six feet thick, underlaid with a white sand and thoroughly saturated with water. The dynamite was placed in three rows, the spacing of the holes being regulated by the character and density of the soil. An average of one pound of dynamite per hole was used, and approximately 500 feet of canal was completed per day.

Although the cost of this canal to the city was far less than if dredges or other machinery were used, time was the major factor to be considered.

The engineers state that whenever their drainage or water-control projects are in wet marshy swamp land, or places where the use of machinery is impractical, they use the dynamite method of excavation exclusively, and in the past year have been most successful in employing it, not only because it greatly reduces the cost and saves time, but the cone action of the dynamite so scatters the excavated material that waste banks are practically eliminated and the new canal takes the lateral drainage even better than a natural stream.

BAIRD & SCHRIBER, Civil Engineers,  
By CARL E. SCHRIBER.

Bids will be received until September 30 by the Treasury Department, James A. Wetmore, acting supervising architect, Washington, D. C., for the erection of an addition to the United States Government Liberty Loan Building, Washington, to cost approximately \$375,000.

## Security Features in Steel Plate Bonds and Stock Certificates

It is impossible to counterfeit or duplicate Steel Plate engravings by means of photography without detection, the raised effect of engraving is secured in its best form only through the engraved steel plate.

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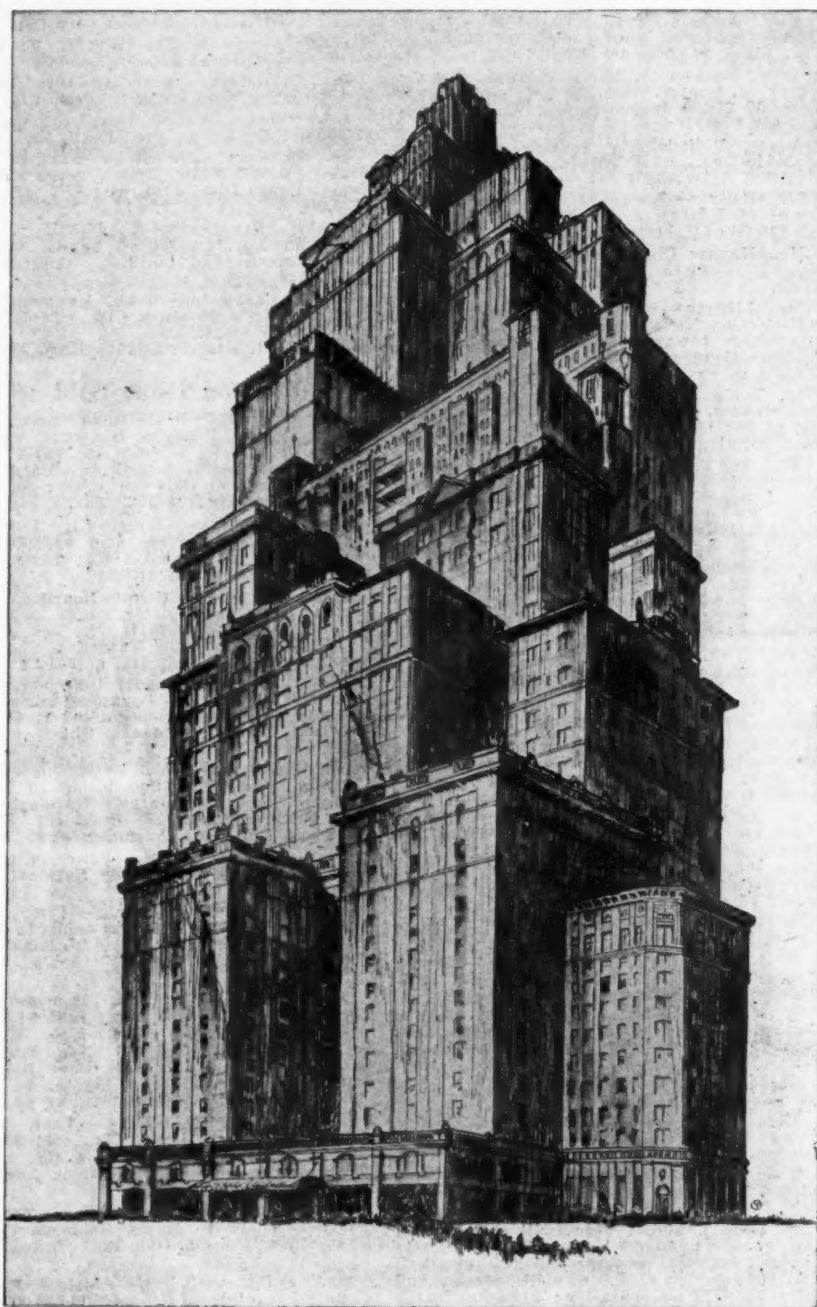
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The illustration represents a few of the recent financings through Adair Guaranteed First Mortgage Bond issues.

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## FINANCIAL NEWS

## Bond Issues Proposed

Fla., Bartow—Road—Polk County Comms., J. D. Raulerson, Clk., receives bids Oct. 5 for \$50,000 6% \$1000 denom. Special Road and Bridge Dist. No. 13 bonds; \$350,000 5½% \$1000 denom. Special Road and Bridge Dist. No. 14 bonds.\*

Fla., Bonifay—Improvement—City, K. D. Rooks, Clk., receives bids Oct. 18 for \$31,500 6% bonds.

Fla., Daytona Beach—Ocean Shore Improvement Dist., W. H. Courtenay, Sec., Board of Bond Trustees, receives bids Oct. 6 for \$585,000 6% bonds.

Fla., Fort Lauderdale—School—Broward County School Board, James S. Rickard, County Supt., receives bids Oct. 14 for \$500,000 Special Tax School Dist. No. 3 bonds.

Fla., Key West—Road—Bridge—Monroe County Comms., D. Z. Filer, Clk., receive bids Nov. 1 for \$525,000 5½% bonds; \$350,000 highway, \$175,000 bridge.

Fla., Lake Worth—Municipal Improvement—City, W. F. Hutschenreuter, Clk., will call election Oct. 19 on \$610,000 bonds: \$300,000, light and water systems; \$20,000, rest rooms and lavatories in city park; \$30,000, installation fire alarm system; \$150,000, public parks and playgrounds; \$110,000, municipal auditorium.\*

Fla., Mount Dora—Special Assessment Refunding—Town, J. H. Crane, Clk., receives bids Oct. 7 for \$93,000 6% \$1000 denom. bonds.

Fla., Palatka—Putnam County Board of Bond Trustees, Special Road and Bridge Dist. No. 7, receives bids Oct. 12 for bonds: \$500,000, 5½%, \$1000 denom. Memorial Bridge; \$1,250,000, 5½%, \$1000 denom. Highway bonds; J. W. Hart, County Mgr.

Fla., Palmetto—Street—City, E. N. Mason, Clk., receives bids Sept. 28 for \$118,000 6% \$1000 denom. bonds.

Fla., Palmetto—Municipal Power Plant—City voted \$30,000 bonds. Address City Clk.

Fla., Riviera—Improvement—Town, A. L. Zill, Clk., receives bids Sept. 28 for \$158,000 6% bonds.

Fla., St. Petersburg—Spa—City Comm., S. S. Martin, Director of Finance, will call election Oct. 5 on \$160,000 bonds.\*

Fla., Taft—Paving—City voted \$38,000 bonds. Address City Clk.

Fla., Tampa—School—Hillsborough County School Board will call election Oct. 11 on \$25,000 Port Tampa Special Tax School Dist. No. 60 bonds.\*

Fla., Tampa—Drainage—Interbay Drainage Dist. Extension, A. C. Clewis, Treas., 32 Giddens Bldg., receives bids Oct. 5 for \$3,052,000 6% \$1000 denom. Dist. bonds; M. D. McElroy, Sec.

Fla., Tampa—Courthouse—Hillsborough County Comms. will call election Oct. 19 on \$1,500,000 5% bonds.

Fla., Tavares—Sewer—Town, W. M. Rees, Clk., will call election Oct. 5 on \$100,000 6% bonds; V. W. Hunter, Mayor.

Fla., Zephyrhills—School—City plans voting on \$30,000 bonds. Address Pres. School Board.

Ga., Cordele—Hydro-Electric Power Dam—Crisp County reported to vote in Nov. on \$1,250,000 bonds. Address County Comms.

Ga., Dahlonega—Municipal Improvements—Town, G. M. Moore, Mayor, voted \$35,000 bonds; \$25,000, water; \$10,000, sewer.

Ga., Millen—Road—Jenkins County defeated \$200,000 bond issue. Address County Comms.\*

Ga., Nashville—Paving—City voted \$20,000 bonds. Address City Clk.

Ga., Savannah—Municipal Improvement—City, Mayor Hull, receives bids Oct. 11 for \$2,000,000 bonds; rejected bids for bonds opened Sept. 14.

La., Arcadia—Buildings and Equipment—City votes \$25,000 bonds. Address City Clk.

La., Baton Rouge—East Baton Rouge Parish Police Jury receives bids Oct. 12 for \$22,000 bonds for Edgewood Lawn.

La., Coushatta—Courthouse, Jail—Red River Parish Police Jury will call election Sept. 28 on \$150,000 bonds. Lately noted election Sept. 21.

La., Jennings—Paving—City Comm. will call election Oct. 19 on bonds.

La., Jennings—Road—Bridge—Jefferson Davis Parish Police Jury will call election Oct.

11 on \$80,000, 6% bonds, in Roanoke Road Dist. No. 3.

Md., Rockville—Road—Montgomery County Comms., B. E. Clark, Clk., rejected bids for \$48,000 bonds. Lately noted bids Sept. 16.

Miss., Bay St. Louis—Seawall—Hancock County Board of Supvrs. receives bids Oct. 6 for \$500,000 5¼% bonds.\*

Miss., Coffeeville—School—Yalabusha County Board of Supvrs. and Election Comms. plans bond election in Enid Consolidated School Dist.

Miss., Jackson—Anticipation Notes—Hinds County Board of Supvrs., W. W. Downing, Clk., plans \$40,000 6% bond issue.

Miss., Jackson—Road—Hinds County Board of Supvrs. receives bids Oct. 7 for \$500,000 \$1000 denom. bonds; W. W. Downing, Clk.\*

Miss., Philadelphia—Indebtedness—Board of Aldermen, J. V. Welsh, Clk., receives bids Oct. 5 for about \$48,000 bonds.

Mo., Bolivar—School—J. M. Leavitt, Pres., Board of Education, receives bids Sept. 27 for \$10,000 5% bonds.\*

Mo., Kansas City—Bridge—City may vote Nov. 2 on \$1,350,000 bonds. Address City Clerk.

Mo., Liberty—Bridge—Clay County will call election Nov. 2 on \$150,000 bonds. County's share toward Missouri River Bridge. Address County Comms.

Mo., St. Louis—Water-Works Revenue—City, Louis J. Miller, Mayor; Louis Nolte, Comptroller, receives bids Sept. 30 for \$2,500,000 of \$12,000,000 authorized 4¼% \$1000 denom. serial gold bonds.

Mo., St. Louis—Public Buildings and Improvement—City, Victor J. Miller, Mayor, and Louis Nolte, Comptroller, receive bids Sept. 30 for \$6,000,000 of \$75,372,500 authorized 4% \$1000 denom. serial gold bonds.

N. C., Dunn—Municipal Improvement—Town Comms., V. E. Williams, Clk., receives bids Sept. 24 for \$70,000 6% \$1000 denom. bonds; \$30,000, water works; \$10,000, sewer; \$24,000, street improvement; \$6000, sidewalk.

N. C., Elizabethtown—Road, Bridge—Bladen County, W. A. Ferguson, Clk., receives bids Sept. 24 for \$90,000 \$1000 denom. bonds.

N. C., Elizabeth City—Road—Pasquotank Highway Comm. plans \$250,000 bond issue.

N. C., Hendersonville—Municipal Improvement—City Comms. receive bids Oct. 11 for \$350,000 bonds; \$200,000 street paving; \$150,000 water and sewer.

N. C., Lexington—City Comms., R. P. Farnhardt, Clk., plans selling \$300,000 bonds: \$40,000, electric light extension; \$65,000, purchase municipal building; \$75,000, street improvement; \$35,000, sewer extension; \$85,000, water extension.

N. C., Raleigh—Street—City Comms., E. E. Culbreth, Mayor, plan \$750,000 bond issue.

N. C., Salisbury—County Hospital—Rowan County votes soon on \$350,000 bonds. Address County Comms.

N. C., Wadesboro—School—Anson County Comms., B. D. Crowder, Clk., receives bids Sept. 27 for \$57,000 4½% \$1000 denom. bonds.

Okla., Medford—Sewer—City votes Oct. 4 on bonds. Address City Clk.

Okla., Stillwater—Road—Payne County voted \$1,000,000 bonds. Address County Comms.\*

Tenn., Gleason—Water Works—City voted \$30,000 bonds; W. W. Bandy, Mayor.\*

Tex., Beaumont—Municipal Improvement—City, Ollie J. Bloyd, Mgr., will call election Oct. 16 on \$1,250,000 bonds: \$325,000, street paving; \$250,000, sewers; \$300,000, city hall and auditorium; \$100,000, police station and jail; \$150,000, fire station; \$100,000, parks (swimming pool); \$25,000, city market.

Tex., Boerne—Water Works—City votes October 11 on \$40,000 bonds. Address City Clk. Lately noted to vote September 28.

Tex., Brownsville—Municipal Improvement—City Comm. will call election Oct. 16 on \$500,000 bonds: \$300,000 street improvement, \$100,000 sewer, \$100,000 water and light extension.\*

Tex., Corsicana—Road—Navarro County, Warren F. Hicks, Judge, plans calling election on about \$3,000,000 bonds; W. W. McClelland, Engr.

Tex., Dublin—Paving—City votes October 5 on \$38,000 bonds. Address City Clk.

Tex., Harlingen—Municipal Improvement—

City, D. W. Schuebach, City Sec., voted \$168,000 bonds: \$5,000, incinerator; \$125,000, street paving; \$10,000, water works improvement; \$25,000, sewer extension; \$3,000, complete City Hall.\*

Tex., Houston—Municipal Improvement—City, O. F. Holcombe, Mayor, will call election Oct. 16 on \$2,300,000 bonds: \$1,500,000, permanent roadways to Turning Basin; \$300,000, MacGregor Drive; \$250,000, permanent paving; \$150,000, gravel; \$100,000, sanitary sewers; J. C. McVea, City Engr.

Tex., Kingsville—Paving—City votes soon on \$180,000 bonds. Address City Clk.

Tex., Luling—Paving—City, C. T. Greenwood, Mayor, voted \$50,000 bonds.\*

Tex., Midlothian—Sewerage—City defeated \$46,500 sewer bond issue. Address City Clk.\*

Tex., Waco—Water Works—City voted \$3,500,000 bonds; H. F. Connally, Mayor.\*

Va., Princess Anne—Road—Princess Anne County, B. D. White, Judge, voted \$293,000 bonds: Pungo Dist., \$168,000; Seaboard Dist., \$125,000.\*

W. Va., Bridgeport—Road—Village plans voting in Nov. on \$20,000 bonds. Village's share toward road building. Address Village Clerk.

W. Va., Charleston—Road—Kanawha County Court, R. N. Moulton, Clk., will call election Oct. 5 on \$333,000 5% \$1000 denom. bonds; R. R. Barton, County Road Engr.

## Bond Issues Sold

Alabama—Road—State Bond Comm., Montgomery, W. W. Brandon, Governor, sold \$3,000,000 4 and 4½% bonds to Ward, Sterne & Co., Marx & Co., both Brown-Marx Bldg., Birmingham, and Caldwell & Co., Nashville, Tenn., at premium of \$22,500.\*

Ala., Birmingham—Street—City Comm., J. M. J. Jones, Jr., Pres., sold \$270,000 4½% bonds to Ward, Sterne & Co., Brown-Marx Bldg., at premium of \$1300.\*

Fla., Bartow—Polk County Board of Public Instruction, Don Register, Chmn., sold \$95,000 6% Davenport Special Tax School Dist. No. 38 bonds to John Nuveen & Co., 38 S. Dearborn St., Chicago, Ill., at \$95.02.\*

Fla., Clearwater—County Infirmary, Detention House—Pinellas County Comms. sold \$200,000 bonds to Bohmer-Reinhart Co., 307 Traction Bldg., Cincinnati, Ohio, at \$210,260.\*

Fla., Orlando—Road—Orange County Comms. sold \$1,240,000 bonds to Florida National Bank and Barnett National Bank, both Jacksonville, and Provident Savings Bank and Trust Co., Cincinnati, at \$1,204,911.

Fla., Palatka—Paving, Sewer—City sold \$187,500 bonds to Putnam National Bank, Palatka, at 99.51.\*

Fla., St. Cloud—Paving—City, G. M. Mitchell, Mgr., sold \$242,000 bonds to Walter Woody & Helmerding, Dixie Terminal Bldg., Cincinnati, and D. Robinson & Co., Toledo, at 95 and interest.\*

Fla., Sanford—Municipal Improvement—City, W. B. Williams, Mgr., sold \$1,575,000 5½% bonds to Halsey, Stuart & Co., Eldredge & Co., both 14 Wall St., New York, and Wright, Wardlaw Co., State Bank Bldg., Orlando; \$600,000 public utility, at \$571,270; \$925,000 general improvement, at par.\*

Fla., Tallahassee—Road—Leon County Comms., Paul V. Lang, Clk., sold \$900,000 5% bonds to Halsey, Stuart & Co., and Eldredge & Co., both 14 Wall Street, New York, at 95.45.\*

Fla., Winter Haven—Paving—City sold \$390,000 bonds to Davis, Robinson Co. and Ryan-Sutherland Co., Ohio Bldg., Toledo, Ohio, at 96.70.

Ga., Folkston—School—Trustees Charlton County Consolidated School sold \$50,000 bonds to William Mizell, Sr., at 100 cents on dollar.

Ga., Rome—Improvement—City sold \$325,000 bonds to Robinson-Humphreys Co., Citizens and Southern Bank Bldg., Atlanta, at premium of \$1475 and expenses.

La., Haynesville—Improvement—City sold \$50,000 6% bonds to J. Beene, Haynesville, at premium of \$500.

La., New Orleans—City, T. S. Walmsley, Commr. of Public Finance, sold \$1,199,700 bonds to Whitney-Central, Canal, Marine and Interstate Banks, New Orleans; \$1,086,000, permanent paving, \$1,084,371 and accrued interest; \$113,700, temporary surfacing certificates, \$113,529 and accrued interest.\*

(Continued on page 122)

In writing to parties mentioned in this department it will be of advantage to all concerned if the Manufacturers Record is mentioned.



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# FINANCIAL NEWS

(Continued from page 120)

Miss., Belzoni—Bridge—Humphreys County Board of Suprs., A. R. Hutchens, Chancery Clk., sold \$30,000 bonds to A. K. Tigret & Co., 80 Madison Ave., Memphis, Tenn., at premium of \$855.\*

Miss., Grenada—Paving—City sold \$75,000 5½% bonds jointly to Caldwell & Co., Nashville, and Whitney-Central Bank of New Orleans, La., at premium of \$360.

Miss., Grenada—Road—Grenada County Board of Trustees sold \$100,000 5½% Separate Road Dist. No. 1 bonds to I. B. Tigrett & Co., Market and Lafayette Sts., Jackson, Tenn., at \$1630 premium, \$50,000 5½% Separate Road Dist. No. 5 bonds to First National Bank, Memphis.\*

Miss., Holly Springs—Road—Marshall County sold \$404,500 5% bonds to Braun, Bosworth & Co., Second Natl. Bank Bldg., Toledo, at par.

Mo., Jefferson City—Road—State Board of Fund Comms. sold \$7,500,000 bonds to Bank of Manhattan Co., New York, at premium of \$45,000.\*

Mo., Jefferson City—Municipal Improvement—City, C. W. Thomas, Mayor, sold \$209,500 4½% \$1000 denom. bonds to Mississippi Valley Trust Co., Fourth and Pine Sts., and Wm. R. Compton Co., Seventh and Locust Sts., both St. Louis, at premium of \$4357.\*

Mo., Kansas City—School—City sold \$1,000,000 4½% School Dist. bonds to syndicate composed of Howe, Snow & Bertles, Inc., Harris Trust Bldg., Chicago; Barr Bros. & Co., Inc., 14 Wall St., New York, and Federal Commerce Trust Co., Broadway and Pine St., St. Louis, Mo., at premium of \$37,699.

N. C., Fountain—School—Pitt County Board of Comms., Greenville, sold \$15,000 5½% Fountain Special School Dist. bonds to W. L. Slayton & Co., Dime Bank Bldg., Toledo, Ohio, at premium of \$38.\*

N. C., Marion—Street—City sold \$15,000 5½% bonds to Durfee, Niles & Co., Second Natl. Bank Bldg., Toledo, at premium of \$105.

N. C., Spring Hope—Electric—Town, F. F. Chamblée, Clk., sold \$10,000 6% bonds to Magnus & Co., Dixie Terminal Bldg., Cincinnati, at premium of \$153.16.\*

S. C., Laurens—Road—Laurens County Highway Comn. sold \$500,000 4½% bonds to Braun, Bosworth & Co., Second Natl. Bank Bldg., Toledo, Ohio, at premium of \$4150.\*

S. C., Sharon—Electric Light—Town sold \$14,000 bonds to Peoples Security Co., Peoples Natl. Bank Bldg., Charleston, at premium of \$28.\*

Tex., Austin—School—State Board of Education purchased \$137,100 bonds.

Tex., Batesville—Road—Zavalla County, N. H. Hunt, County Judge, sold \$550,000 bonds

to M. W. Elkins & Co., 217 W. Second St., Little Rock, Ark.\*

Tex., Hale Center—Water Works—City, Dan Gandy, Sec., sold \$45,000 6% bonds to Ray Irick, Plainview, at \$45,400 and accrued interest.\*

W. Va., Charleston—School—Kanawha County sold \$89,000 5½% Kanawha County Union School Dist. coupon bonds to Kanawha Valley Bank of Charleston at par.

W. Va., Fayetteville—School—Fayette County sold \$90,000 5% Falls School Dist. coupon bonds to Seasongood & Mayer, Ingalls Bldg., Cincinnati, Ohio, at premium of \$4.95.

W. Va., Hamlin—Road—Lincoln County Comms. sold \$432,000 5% bonds to Seasongood & Mayer, Ingalls Bldg., Cincinnati, O., at premium of \$2595.

W. Va., Logan—School—Logan County sold \$105,000 5½% coupon bonds to Seasongood & Mayer, Ingalls Bldg., Cincinnati, at premium of \$105.

W. Va., Logan—School—Logan County sold \$195,000 5½% Logan School Dist. bonds to Well, Roth & Irving Co., Dixie Terminal Bldg., Cincinnati, at premium of \$193.

W. Va., Moundsville—State Sinking Fund Comn., Charleston, purchased \$50,000 Moundsville Independent School Dist. bonds and \$10,000 City of Buckhannon bonds.

W. Va., Mullens—Improvement—Town sold \$105,000 5½% coupon bonds to Seasongood & Mayer, Cincinnati: \$66,000 at premium of \$333.95, \$39,000 at premium of \$63.95.

W. Va., Ripley—Road—Jackson County sold \$132,000 5½% Ravenswood Road Dist. bonds to Seasongood & Mayer, Cincinnati, at premium of \$1782.

W. Va., Wellsburg—School—Brooke County sold \$166,000 5% Cross Creek School Dist. coupon bonds to Seasongood & Mayer, Ingalls Bldg., Cincinnati, Ohio, at premium of \$26.95.

W. Va., Webster Springs—Road—Webster County sold \$112,000 5% bonds to Seasongood & Mayer, Cincinnati, at premium of \$685.

W. Va., Williamson—Road—Mingo County sold \$71,000 5% coupon bonds to Well, Roth & Irving Co., Dixie Terminal Bldg., Cincinnati, at premium of \$178.

## Building and Loan Associations

Ala., Montgomery—Peoples Building & Loan Assn. plans increasing capital to \$2,000,000.

Ky., Covington—Fidelity Building Assn. plans increasing capital, \$300,000 to \$1,000,000.

Ky., Covington—Community Building Assn. plans increasing capital, \$250,000 to \$500,000.

Okl., Enid—Garfield County Building &

Loan Assn. increased capital, \$3,000,000 to \$5,000,000.

Tenn., Chattanooga—Volunteer State Building & Loan Assn., 512-13 James Bldg., capital \$200,000, organized; J. Kent Boud, Pres.

Tex., Houston—Houston Building & Loan Assn., W. A. McElroy, Mgr., 1001 Main St., plans increasing capital, \$25,000,000 to \$50,000,000.

Tex., Houston—Liberty Loan & Building Assn. of Houston, capital \$10,000,000, chartered; J. R. Kubena, Fayetteville; Anton Billy, Houston.

Va., Danville—Atlantic Building & Loan Assn., incorporated; F. W. Townes, Pres., 635 Main St.

## New Financial Corporations

Ark., Ozark—First National Bank of Ozark, capital \$25,000, organized; E. D. Hall, Pres., J. C. Mainard, Sec.-Cashier.\*

Fla., Arcadia—Florida Trust and Banking Co., J. Ed. Raulerson, Pres., increased capital, \$50,000 to \$100,000.

Ga., Georgetown—National Bank of Georgetown, capital \$25,000, organized; Jesse L. Armfield, Correspondent.

Ga., Savannah—Guaranty Mortgage & Finance Corp., capital \$100,000, incorporated; C. G. Rowland, 16 E. Bryan St.

Mo., Fayette—Central Missouri Finance Co., incorporated; Delmar Ballew, L. W. Jacobs.

S. C., Yemassee—Bank of Yemassee, capital \$10,000, reopened; B. M. Mixon, Pres.; T. B. McTeer, V.-P.

Tenn., Adams—Bank of Adams, G. T. Randolph, Pres., purchased assets and liabilities of People's Bank & Trust Co., J. E. Winters, Pres.; capital and surplus about \$30,000.

Tex., Panhandle—First National Bank of Panhandle, capital \$50,000, organized; F. A. Paul, Correspondent.

Alabama Mutual Building & Loan Assn., Mr. McAllister, Pres. and Gen. Mgr., 2012-B Fourth Ave. N., Birmingham, Ala., plans establishing branch at Opelika with Jos. H. Smith and Joe Y. Andrews, managers.

Exchange National Bank, J. M. Davis, Pres., Little Rock, Ark., purchased England National Bank, J. E. England, Jr., Pres.

Holston National Bank, Jos. P. Gaut, Pres., and Third National Bank, J. E. McMillan, Pres., both Knoxville, Tenn., plan merging as Holston Bank, with capital, surplus and undivided profits of \$1,350,000; Jos. M. Gaut, Pres.; J. Basil Ramsey, Cashier of Third National, will be First Vice-Pres.; Holston Trust Co. to be formed by stockholders of new Holston Bank, with \$200,000 capital.

## Asks Bids on \$300,000 Courthouse.

Lafayette, La.—Sealed proposals will be received until October 21 by the Lafayette Parish Police Jury, George Crouchet, secretary, for the erection of a \$300,000 courthouse and jail here. The structure will consist of three stories and tower, of reinforced concrete, steel, brick and terra cotta, with pile foundation, concrete and tile floors. Separate bids will be received for the building proper, heating and plumbing and jail work. William T. Nolan of New Orleans and Lafayette is the architect.

## Plans for \$300,000 Prison Building.

C. S. Hammatt, Jacksonville, state engineer, writes the MANUFACTURERS RECORD relative to the erection of a state prison at Raiford, Fla., advising that the prison will be built on the unit system as money may become available. For the present construction, \$300,000 will be provided, exclusive of labor which will be done by the prisoners. The building will be of reinforced concrete construction with hardened steel reinforcements, two and three stories, with metal window sash, double screened windows, block cells with individual plumbing and solid gratings for doors. Mr. Hammatt will handle construction.

## For Sale of \$3,052,000 Drainage Bonds.

Tampa, Fla.—Bonds in the amount of \$3,052,000 of the Interbay Drainage District Extension will be offered for sale by A. C. Clewis, treasurer, at his office at 32 Giddens Building, in this city, on October 5. The bonds will be dated November 1, 1926, and will bear an interest rate of 6 per cent. They will be available in denominations of \$1000. M. D. McElroy is secretary of the Interbay Drainage District Extension.

## Will Vote on \$1,500,000 Courthouse Bonds.

Tampa, Fla.—October 19 has been fixed by the Hillsborough County Commission as the date of an election on a bond issue of \$1,500,000 for the erection of a new county courthouse. The proposed bonds would bear an interest rate of 5 per cent, payable semi-annually. It is planned to erect the new courthouse, a 14-story structure, on the site of the present building bounded by Franklin, Madison and Lafayette streets and Florida avenue.

City Council of Savannah, Ga., has rejected bids for the purchase of \$2,000,000 municipal bonds and will receive new bids until October 11.



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## **\$1,000,000 Harbor and Terminal Improvements at Sarasota, Fla.—To Be Completed Early Next Year.**

Sarasota, Fla., September 11.

*Editor Manufacturers Record:*

Sarasota is making excellent progress on her deep-water harbor. In general, the plan provides 22 feet depth to the city terminal wharf, which will be only two miles from the Gulf of Mexico. The outer portion of the channel has a bottom width of 300 feet, with side slopes one on three. The inner channel is 200 feet wide at the bottom. Along the bulkhead and wharf the width has been made 270 feet to provide berthing space without encroaching on the 200-foot through channel. There is a turning basin in front of the terminal 500 feet wide and 1100 feet long. There will be a highway connecting the terminal with the city.

The contractor for dredging is R. A. Perry, president of the United Dredging Company, New York city. Work under the contract was begun April 4, 1926, and is now about 75 per cent completed.

The construction of the Lackawanna steel sheet pile bulkhead and timber wharf under contract with E. W. Parker of Tampa, Fla., is in progress.

The harbor and wharf will probably be completed in December of this year.

Material for the bulkhead and wharf were purchased by the city: Steel, from Bethlehem Steel Company; creosoted piles and timber, from Eppinger & Russell of Jacksonville, and the other timber from Keysville Lumber Company of Keysville, Fla.

Nearness to the Gulf will enable steamship lines to make Sarasota a port call with very little delay en route, and already several lines have indicated intention to use this port. The Lighthouse Department has perfected plans for adequately marking the entrance and channel.

In connection with the channel dredging the city has made 30 acres of land for its own terminal and for the Florida Power and Light Company, subsidiary of the American Power and Light Company. The power company is under contract to begin construction of its plant within one year after the completion of the filling of the site.

The funds necessary for the construction of Sarasota harbor and terminals, \$1,000,000, were received by the city from the Florida Power and Light Company for the power-plant site on a deep-water channel and for the existing municipal light plant. The city immediately had the benefit of an adequate supply of current through the lines of the Florida Power and Light Company at a time when the municipal plant was inadequate and new equipment at heavy cost involving bond issue would have been necessary.

The full benefit to be derived from the terminal cannot be foreseen, but unquestionably this benefit will be very great, as the terminals will be only two miles from open, deep water, whereas Tampa is 35 miles from deep water, Jacksonville 20 miles and other large city terminals are at equal or greater distances.

It is expected that the terminals will be ready for use early next year. The progress made is considered remarkable in view of the fact that the design was presented to the Chamber of Commerce in July, 1925, the financing and construction having been accomplished since that date.

The Sarasota harbor improvement is being executed in accordance with design by J. M. Braxton, consulting engineer of Jacksonville, whose services were secured for the purpose of studying the commercial requirements of the community and presenting a plan for a harbor which would provide adequately for present and future needs at a cost commensurate to the benefit to be derived. After financing

had been provided, Mr. Braxton was retained as harbor engineer for the city to supervise construction of the harbor. Mr. Braxton has had many years' experience on harbor work in the service of the United States Engineer Department and in private practice throughout the state of Florida.

The engineer in local charge of the execution of the harbor project is Maj. F. I. Wheeler, who has had extensive experience on harbor improvement as assistant engineer with the United States Engineer Department in Virginia, Ohio and New England and previous to taking charge of the Sarasota harbor work was associated with Lieut. Col. G. A. Youngberg, Corps of Engineers, in studying and developing projects for improvement of the harbors and waterways of Florida.

F. I. WHEELER, Harbor Engineer.

## **Heavy Oil Shipments Through Panama Canal.**

The tremendous increase in recent years in the shipment of crude petroleum and refined petroleum products through the Panama Canal from California to Eastern ports in the United States constitutes one of the most remarkable developments in the history of American marine transportation, states the Bureau of Mines, Department of Commerce. This traffic has assumed such proportions that in one year the canal tolls on the 56,000,000 barrels of crude oil and refined products moved eastward amounted to \$7,000,000, or almost enough to pay for the upkeep of the great waterway.

Excluding the canal route, the two most important ways by which the Atlantic seaboard refineries receive their supply of domestic crude are by pipe line from the Mid-Continent field and by pipe line from these fields to the Gulf Coast, and thence by water.

## **Colored Electric Signs on Fast Trains.**

Besides adorning a number of its express locomotives with green and gold paint, the Southern Railway has adopted handsome electrically illuminated signs to be carried on the observation platforms of the "Crescent Limited," the de luxe train operated between New York, Washington, Atlanta and New Orleans over the Pennsylvania Railroad, Southern Railway system, West Point Route and Louisville and Nashville Railroad, beginning Sunday, September 26. These signs will have a dark blue background, showing a gold crescent and a field of stars and the name, "Crescent Limited," in white. Similar signs are carried on other high-class trains operated by the Southern, a distinctive color scheme being selected for each.

## **Clothing Market Southwest.**

The Industrial Department of the Dallas Chamber of Commerce, Dallas, Texas, M. J. Norrell, manager, and E. H. Brown, assistant manager, has issued an interesting and informative booklet entitled "The Clothing Market of the Southwest." In this little publication will be found, it is stated, a complete presentation of facts and figures surrounding the clothing industry in that section. There is definite information upon which to base future growth and capital expenditures by executives, and sales managers will find data useful for districting salesmen's territories and estimating sales quotas. There is also valuable information for those who are planning new advertising campaigns.

## **West Virginia Apple Crop Large.**

It is reported that West Virginia will probably ship 2500 cars of Federal inspected apples this year, as compared with 1100 cars last season. Practically every variety grown in the state will show an increased production over last year's crop.





# PROPOSALS

BOND ISSUES

BUILDINGS

PAVING

GOOD ROADS



Bids close October 18, 1926.

U. S. ENGINEER OFFICE, Baltimore, Md. Sealed proposals will be received here until 1 P. M., Eastern Standard Time, October 18, 1926, and then opened, for dredging in Baltimore Harbor and Channels, Md. Further information on application.

Bids close October 11, 1926.

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., Sept. 20, 1926. SEALED PROPOSALS will be opened in this office at 3 P. M. Oct. 11, 1926, for remodeling and enlarging the United States Post Office and Custom House at St. Augustine, Fla. Drawings and specifications may be obtained from the Custodian of the building or at this office, in the discretion of the Supervising Architect. Jas. A. Wetmore, Acting Supervising Architect.

Bids close September 30, 1926.

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., September 9, 1926. SEALED PROPOSALS will be opened in this office at 3 P. M. September 30, 1926, for addition to the United States Government Liberty Loan Building, Washington, D. C. Drawings and specifications may be obtained from this office, in the discretion of the Supervising Architect. Jas. A. Wetmore, Acting Supervising Architect.

Bids close September 30, 1926.

UNITED STATES DEPARTMENT OF THE INTERIOR, Office of the Secretary, Washington, D. C., September 4, 1926. SEALED PROPOSALS (in duplicate) will be received at the Department until 2 o'clock P. M. Thursday, September 30, 1926, for the construction, equipment and furnishing of building for the Medical School, Howard University, at Washington, D. C. in accordance with drawings and specifications, copies of which, with form of proposal, may be had on application to the Department. A certified check in the sum of \$100 will be required as a guaranty for the safe return of the plans loaned. The right is reserved to reject any or all bids, waive technical defects, accept one part and reject the other, as the interest of the Government may require. Proposals must be securely enveloped, marked on exterior of envelope "Proposals for construction, equipment and furnishing the Medical School Building, Howard University," and be addressed to the Secretary of the Interior, Washington, D. C. E. C. Finney, First Assistant Secretary of the Interior.

Bids close September 27, 1926.

## \$92,000 6% Municipal Bonds

The Town Council of the Town of De Funiak Springs, Florida, will receive sealed proposals at the office of the Clerk of said Town on or before 12 o'clock noon, September 27, 1926, for the purchase of all or any part of \$63,000 of municipal bonds for Street Paving; \$5,000 Park Improvement, and \$24,000 Town Hall. Bonds to be dated January 1, 1926, bearing interest at 6 per cent., payable semi-annually. A certified or local cashier's check of 5 per cent of the amount of bonds bid for, payable to the Town of De Funiak Springs, Florida, to insure payment if bid is accepted, must accompany each bid.

All bids shall be filed with the Town Clerk. The Town Council reserves the right to reject any and all bids. Approving opinion of recognized bond attorneys as to the validity of bonds will be furnished successful bidder. For further information address

E. L. TOWNSEND,

Mayor,

D. STUART GILLIS,

City Attorney,

De Funiak Springs, Florida.

RATE: 35 cents per line per insertion.

PUBLICATION DAY: Thursday.

FORMS CLOSE: 4 P. M. Monday.

DAY LETTER: When too late to send copy by mail to reach us by 4 P. M. Monday, forward by day letter.

THE DAILY BULLETIN OF THE MANUFACTURERS RECORD:

Published every business day; gives information about the industrial, commercial and financial activities of the South and Southwest.

The Daily Bulletin can be used to advantage when copy cannot reach us in time for publication in the Manufacturers Record before bids are to be opened, or when daily publications are necessary to meet legal requirements.

The same rate applies—35 cents per line per insertion.

Bids close October 18, 1926.

## \$31,500 6% Improvement Bonds

Bonifay, Fla.

Notice is hereby given that the City of Bonifay, Florida, will receive sealed bids for an issue of \$31,500 of improvement bonds of said city up to noon on the 18th day of October, 1926.

Said bonds are being issued to finance sidewalk construction and are based on certificates of indebtedness issued against the benefited property. Said bonds shall be dated September 1, 1926, bearing interest at 6 per cent per annum, payable semi-annually, and one-tenth of the issue matures each year commencing one year after date.

Certified check for 5 per cent of each bid, payable to the City of Bonifay, shall accompany same as an evidence of good faith, which shall be returned to the bidder in the event his bid is rejected. All bids shall be mailed or delivered to the undersigned at Bonifay, Florida.

The City reserves the right to reject any and all bids.

K. D. ROOKS, City Clerk.

Bids close October 12, 1926.

## \$1,250,000 5½% Highway Bonds

Palatka, Fla.

Sealed proposals will be received by the Board of Bond Trustees for Special Road and Bridge District Number Seven of Putnam County, Florida, on October 12, 1926, at 12 o'clock noon, at the office of said Board of Bond Trustees in Palatka, Florida, for the purchase of One Million Two Hundred and Fifty Thousand Dollars (\$1,250,000) Putnam County Highway Bonds of Putnam County, Florida (constituted by Chapter 9585, Special Laws of Florida, 1923, Special Road and Bridge District Number Seven, Putnam County, Florida). Said bonds will be in the denomination of One Thousand Dollars (\$1000) each, bearing interest at 5½ per cent, and will be dated July 1, 1926, and will mature serially 1929 to 1958, inclusive.

Any bidder may, by separate bid or bids, bid for the entire issue of said bonds and, or, may bid for bonds numbered from One (1) to Three Hundred (300), both inclusive, and, or, may bid for bonds numbered from Three Hundred One (301) to Five Hundred (500), both inclusive, and, or, may bid for bonds numbered from Five Hundred One (501) to Seven Hundred Seventy-six (776), both inclusive, and, or, may bid for bonds numbered from Seven Hundred Seventy-seven (777) to Nine Hundred Eighty-six (986), both inclusive, and, or, may bid for bonds numbered from Nine Hundred Eighty-seven (987) to One Thousand Two Hundred and Fifty (1250), both inclusive.

Prospectus giving full details of the issue may be had upon application to the undersigned.

J. W. HART, County Manager.

Bids close October 1, 1926.

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., September 9, 1926. SEALED PROPOSALS will be opened in this office at 3 P. M. October 1, 1926, for new breakwater at the United States Government Quarantine Station, Charleston, S. C. Drawings and specifications may be obtained from the Medical Officer in Charge of the Station or at this office, in the discretion of the Supervising Architect. Jas. A. Wetmore, Acting Supervising Architect.

Bids close October 12, 1926.

## \$500,000 5½% Memorial Bridge Bonds

Palatka, Fla.

Sealed proposals will be received by the Board of Bond Trustees for Special Road and Bridge District Number Seven, of Putnam County, Florida, on October 12, 1926, at 12 o'clock noon, at the office of said Board of Bond Trustees, in Palatka, Florida, for the purchase of Five Hundred Thousand Dollars (\$500,000) Putnam County Memorial Bridge Bonds of Putnam County, Florida (constituted by Chapter 9585, Special Laws of Florida, 1923, Special Road and Bridge District Number Seven, Putnam County, Florida). Said bonds will be in the denomination of One Thousand Dollars (\$1000) each, bearing interest at 5½ per cent, and will be dated July 1, 1926, and will mature serially 1929 to 1953, inclusive.

Any bidder may, by separate bid or bids, bid for the entire issue of said bonds and, or, bid for bonds numbered from One (1) to Two Hundred Forty-three (243), both inclusive, and, or, may bid for bonds numbered from Two Hundred Forty-four (244) to Five Hundred (500), both inclusive.

Prospectus giving full details of the issue may be had upon application to the undersigned.

J. W. HART, County Manager.

Bids close October 13, 1926.

## \$65,000 6% Bonds

SEALED PROPOSALS OR BIDS for \$65,000 of serial bonds of the Town of Havana, in the County of Gadsden and State of Florida, will be received in the office of the Town Clerk of Havana, Florida, until 11 o'clock A. M., central standard time, on Monday, October 18, 1926, at which time and place the bids will be publicly opened and read aloud by the Town Council of the Town of Havana, Florida.

Said bonds are in the denominations of \$1000 each, dated July 1, 1926, and bearing interest at the rate of 6% per annum, payable semi-annually, and due and payable as follows:

\$1000 on the first day of July in each of the years 1931 to 1935, inclusive; \$2000 on the first day of July in each of the years 1936 to 1940, inclusive; \$4000 on the first day of July in each of the years 1941 to 1945, inclusive; \$6000 on the first day of July in each of the years 1946 to 1950, inclusive.

These bonds have been validated by the decree of the Circuit Court, and opinion of Caldwell & Raymond of New York City approving the validity of said bonds will be delivered to the purchaser free of charge.

Further information for bidders may be obtained from the Town Clerk of Havana, Florida.

A properly certified check for \$3250 will be required with each bid. Checks of unsuccessful bidders will be promptly returned. The Town Council reserves the right to reject any or all bids, and to accept any bid they may deem to be for the best interest of the town.

J. H. TURNER,

Town Clerk of the Town of Havana, Fla.

Bids close October 5, 1926.

**Bridge**

**DEPARTMENT OF PUBLIC WORKS  
STATE OF MARYLAND  
STATE ROADS COMMISSION  
NOTICE TO CONTRACTOR**

Baltimore, Md.

SEALED PROPOSALS for building a bridge as follows:

Baltimore City, Contract BC-59—Erection of a steel and concrete girder bridge over Baker street, carrying the tracks of the Western Maryland Railroad Company. The bridge will consist of three spans, with the necessary sub and superstructures, together with removal of old bridge, maintenance of railroad traffic, etc. Clear distance abutment to abutment on building line is 66 ft. 0 in., with two steel bents at curb lines.

Will be received by the State Roads Commission at its offices, 601 Garrett Building, Baltimore, Maryland, until 12 M. on the 5th day of October, 1926, at which time and place they will be publicly opened and read.

Bids must be made upon the blank proposal form, which, with specifications and plans, will be furnished by the Commission upon application and cash payment of \$1.00, as hereafter no charges will be permitted.

No bids will be received unless accompanied by a certified check for the sum of Five Hundred (\$500) Dollars, payable to the State Roads Commission.

The successful bidder will be required to give bond and comply with the Acts of the General Assembly of Maryland respecting contracts.

The Commission reserves the right to reject any and all bids.

By order of the State Roads Commission this 14th day of September, 1926.

JOHN N. MACKALL, Chairman.

L. H. STEUART, Secretary.

Bids close October 5, 1926.

**Bridge**

West Palm Beach, Fla.

Sealed bids will be received by the City Commission of the City of West Palm Beach, Florida, up to 12 noon on October 5, 1926, for furnishing all labor, equipment and materials for the construction of a reinforced concrete bridge on the Belvedere Road over the Stub Canal, in accordance with the plans and specifications on file in the office of the City Engineer of said city.

The amounts of the principal items of the work will be approximately as follows:

Class "A" Concrete.....447 cu. yds.  
Class "B" Concrete.....306 cu. yds.  
Reinforcing Steel.....64,240 lbs.  
Excavation .....1100 cu. yds.  
Foundation Piling.....6000 lin. ft.

Bids must be accompanied by certified checks in the amount of \$2000, made payable to the City of West Palm Beach, Florida, as a guarantee that within ten days from notice of awarding of contract the successful bidder will enter into a written contract with the city and furnish acceptable bond in the amount of One Hundred Per Cent (100%) of the amount bid, conditioned upon the carrying out of said contract. Checks of unsuccessful bidders will be returned. Each bid must be sealed and addressed to the City Manager of the City of West Palm Beach and shall be in the office of the City Clerk not later than 12 noon on the 5th day of October, 1926.

Each bidder will be required to submit with his bid statements of experience, equipment and financial responsibility on blank forms, which will be furnished with the specifications.

Plans, specifications and blank proposals may be obtained at the office of the City Engineer upon payment of a deposit of \$10 on each set, to be refunded upon receipt of bid or return of said plans and specifications. The City Commission reserves the right to reject any or all bids and to award the contract in the best interests of the City of West Palm Beach, Florida.

C. A. BINGHAM, City Manager.  
T. B. HENRY, City Engineer.  
H. J. DAUGHERTY, City Clerk.

Bids close September 30, 1926.

**Virginia Highway Work**

Richmond, Va.

The Commission will receive bids on  
Project S-367—Bridge over Cypress Creek.  
Project S-410—Bridge over New River.  
Project S-430—Bridge over Nominal Creek.  
Details obtainable on request.

Bids close October 5, 1926.

**Mississippi River Bridge**

Sealed bids will be received by the Missouri-Illinois Bridge Company, to be delivered to the company in care of William R. Compton Company, St. Louis, Missouri, or in care of Harrington, Howard & Ash, Consulting Engineers, Kansas City, Mo., to be publicly opened at the Secretary's office, 315 North Seventh street, St. Louis, at 10 A. M. Tuesday, October 5, for the construction of a highway bridge across the Mississippi River at Louisiana, Missouri. The bridge provides a 20-ft. paved roadway on reinforced concrete floor and includes four 315-ft. spans, one 420-ft. span, all riveted trusses; 600 lin. ft. of girder viaduct and 1400 lin. ft. of grading. Pneumatic piers, Superstructure about 2300 tons; floor, 1000 cu. yds.; substructure, 7600 cu. yds.; grading, 50,000 cu. yds.

Unit price bids are invited for (1) substructure, (2) superstructure, manufacture, erection, floor, pavement, (3) grading and paving, (4) entire project. Plans and specifications may be secured from Harrington, Howard & Ash, Consulting Engineers, by depositing \$25, of which \$15 will be refunded upon return of plans.

Bids close September 28, 1926.

**Road Construction**

Charleston, W. Va.

Sealed proposals will be received by the State Road Commission of West Virginia at its office in the City of Charleston, W. Va., until 10 o'clock A. M. on Tuesday, September 28, 1926, and said proposals will be publicly opened and read immediately thereafter at the Kanawha County Court House in Charleston, for the construction of the following sections of state road:

Project 154-A, Fayette County—6.0 miles of the Gauley Bridge-Belva Road for grading and draining. Certified check \$4000.

Project 3270, Greenbrier County—1.3 miles of the Alderson-Pence Springs Road for paving with bituminous macadam. Certified check \$1200.

Project 3056, Summers County—0.83 mile of the Alderson-Pence Springs Road for paving with bituminous macadam. Certified check \$800.

(Note—Both projects to be awarded in one contract.)

Project 3352, Mason County—7.2 miles of the Leon-Robertsburg Road for grading and draining. Certified check \$4000.

Project 110, Wyoming County—1.3 miles of the Mullens-Amigo Road for paving with bituminous macadam. Certified check \$1400.

Project 3213-B, Pendleton County—9.0 miles of the Franklin-Monterey Road for grading and draining. Certified check \$4000.

Project 149-B, Randolph County—9.0 miles of the Pocahontas County Line-Valley Head Road for grading and draining. Certified check \$4000.

Proposals will be received only upon state standard forms, in accordance with plans, specifications and estimates of quantities therefor, which standard forms, plans, specifications and estimates of quantities may be obtained from the office of the Division Engineer in whose territory the proposed construction is located, or from the office of the State Road Commission at Charleston.

Each proposal must be accompanied by a certified check in the amount above noted.

The right is reserved to reject any or all bids.

**STATE ROAD COMMISSION OF WEST VIRGINIA,**

E. B. CARSKADON, Secretary.

Bids close October 19, 1926.

**Concrete Bridges**

**N. C. STATE HIGHWAY COMMISSION  
STATE PROJECT NO. 683**

Raleigh, N. C.

Sealed bids for the construction of bridge over Pee Dee River, consisting of 3@50-ft. R. C. Deck Girder Spans, 4@200-ft. R. C. Open Spandrel Ribbed Arches and 1@50-ft. R. C. Deck Girder Spans, and bridge over Rocky Creek, consisting of 3@50-ft. R. C. Deck Girder Spans, in Montgomery-Stanley Counties, N. C., will be received at the office of the N. C. State Highway Commission, Raleigh, N. C., until 10 A. M. October 19, 1926, when the bids received will be publicly opened and read.

The principal items in both bridges are:

Class "AA" Concrete.....131 cu. yds.  
Class "A" Concrete.....4,186 cu. yds.  
Class "B" Concrete.....2,753 cu. yds.  
Reinforcing Steel.....674,000 lbs.  
Natural Rock Asphalt Wear. Surf., 2,087 square yards.

Proposal forms, specifications and plans may be obtained at the above address upon payment of \$5.

N. C. STATE HIGHWAY COMMISSION,  
W. L. CRAVEN, Bridge Engineer.

Bids close October 13, 1926.

**Highway Construction**

Sealed proposals will be received by the State Highway Department at its office, Dover, Delaware, until 2 o'clock P. M. October 13, 1926, and at that place and time publicly opened, for contracts involving the following approximate quantities:

**CONTRACT 72**

Substructure, South Market Street Bridge over Christiana River, Wilmington, Del.  
4,500 Cu. ds. Wet Excavation.  
1,450 Cu. Yds. Dry Excavation.  
2,510 Cu. Yds. Class "A" Concrete, Above Bases.  
2,800 Cu. Yds. Class "AA" Concrete, Bases.  
110,000 Lbs. Steel Reinforcement.  
100 Lin. Ft. 15-in. R. C. Pipe.  
100 Lin. Ft. 24-in. R. C. Pipe.  
11,500 Lin. Ft. Timber Piles (390 Piles).  
220 Lin. Ft. Fenders (Piles Timber).

**TEMPORARY BRIDGE**

6 M Ft. BM. Timber.  
1,500 Lin. Ft. Piling.  
60 Cu. Yds. Gravel Surfacing.  
100 Cu. Yds. Earth Embankment.

**CONTRACT 73**

Vance's Neck Road 2.00 Miles  
4,400 Cu. Yds. Excavation.  
300 Cu. Yds. Borrow.  
2,800 Tons Broken Slag Base Course for Secondary Roads.  
240 Lin. Ft. 15-in. Corrugated Metal Pipe.  
60 Lin. Ft. 18-in. Corrugated Metal Pipe.  
30 Lin. Ft. 30-in. R. C. Pipe.

**CONTRACT G**

Leather Coats  
33 Black Leather Coats for Highway Police.

Performance of contract shall commence within ten (10) days after execution of the contract and be completed as specified.

Monthly payments will be made for 90 per cent of the construction completed each month.

Bidders must submit proposals upon forms provided by the Department.

Each proposal must be accompanied by a surety bond, certified check or money to the amount of at least ten (10) per centum of the total amount of the proposal.

The envelope containing the proposal must be marked "Proposal for the Construction of State Highway Contract No. ...."

The contract will be awarded or rejected within twenty (20) days from the date of opening proposals.

The right is reserved to reject any or all bids.

Detailed plans may be seen and index plans and specifications may be obtained upon receipt of Two Dollars (\$2), which amount will not be refunded.

STATE HIGHWAY DEPARTMENT,  
Dover, Delaware.



Bids close October 5, 1926.

**Street Paving**

Bradenton, Fla.

Sealed proposals addressed to City of Bradenton, care R. K. Van Camp, Commissioner Public Works, Bradenton, Florida, and marked "Sealed Proposals" will be received until 1.30 o'clock P. M. October 5, 1926, and will be publicly opened and read.

Proposals to be for furnishing materials, equipment and constructing certain work, approximately as follows:

8 Acres Clearing and Grubbing.  
49,944 Cubic Yards Regular Excavation.

500 Cubic Yards Rock Excavation.  
1,800 Lineal Feet Curb to be removed.  
5,085 Square Feet Walk and Gutter to be removed.

91,005 Lineal Feet Curb Construction.  
10,010 Square Yards Rock Base, 4 inches thick.

146,413 Square Yards Paving.  
4,530 Lineal Feet 3-inch by 8-inch Pine Headers.

Each bid to be on blank form furnished by the City and to be accompanied by certified check on New York draft, made payable to George B. Wallace, Mayor, for amount of \$10,000, or for 5 per cent of bid on any portion less than the whole.

Certified check or New York draft will be forfeited as liquidated damage if contract and bond are not executed within time specified if proposal is accepted, otherwise will be returned within ten days.

Right is reserved to reject any or all bids.

Plans and specifications may be seen at office of Commissioner Public Works and at office of Clerk, and may be obtained from Clerk on payment of \$10 (Ten Dollars) covering cost of reproduction.

CITY OF BRADENTON, FLORIDA,  
R. K. VAN CAMP,  
Commissioner Public Works.  
L. L. HINE, City Clerk.

Bids close October 12, 1926.

**Street Improvements**

Pierson, Fla.

Sealed proposals will be received by the City of Pierson, Florida, for furnishing material, labor, equipment and constructing the following pavement and necessary storm drains in and for the City of Pierson, until 7 P. M. October 12, 1926, at which time they will be opened and read publicly.

The principal items of work are approximately as follows:

9000 Cubic Yards Excavation.  
3645 Square Yards 6-in. Concrete Pavement.

7979 Square Yards 9-6-9 Concrete Pavement.

1320 Lineal Feet Curb and Gutter.

540 Lineal Feet Concrete Header.

1300 Lineal Feet 15-in. Storm Drains.

530 Lineal Feet 18-in. Storm Drains.

400 Lineal Feet 18-in. Cross Drains.

750 Lineal Feet 24-in. Storm Drains.

17 Inlets.

9 Manholes.

36 Lineal Feet Extra Cast Iron Pipe.

200 Lineal Feet 15-in. Laterals.

Each bid must be accompanied by a certified check on a bank satisfactory to the city officials, or a bidder's bond acceptable to the city officials of five (5%) per cent of the amount of construction bid, drawn to the order of the City of Pierson, Florida, which will be forfeited to the city in event the city accepts bid and bidder fails to execute contract and surety bond within ten days after award. Checks of unsuccessful bidders will be returned to bidders.

All bids will be compared on the basis of the Engineers' estimate of the amount of work to be done. Copies of specifications may be obtained from the Engineers or City Clerk upon receipt of \$5 deposit, which amount will be returned to bona fide bidders.

Plans may be seen at the office of the Engineers or the office of the City Clerk, or a set will be furnished by the Engineers upon payment of \$10, which amount will NOT be returned.

The right is reserved to reject any or all bids or to award contract to any bidder or bidders in part or as a whole, as considered to the best interest of the city.

CITY OF PIERSON, FLORIDA,  
By J. C. CADE, Mayor.  
N. L. SWANSON, Clerk.  
J. B. McCRARY ENGINEERING  
CORPORATION,  
Engineers,  
Atlanta, Georgia.

Bids close September 29, 1926.

**Street Improvements**DEPARTMENT OF PUBLIC WORKS  
BUREAU OF HIGHWAYS

Baltimore, Md., September 15, 1926.

Sealed proposals, executed in duplicate, addressed to the Board of Awards, care of the City Register, will be received by him in his office UNTIL 11 A. M. WEDNESDAY, SEPTEMBER 29, 1926, to GRADE, CURB AND PAVE WITH SHEET ASPHALT ON CONCRETE BASE AND CEMENT CONCRETE THE STREETS LISTED IN CONTRACTS NOS. 368 AND 369.

CONTRACT NO. 368  
SHEET ASPHALT, 7500 SQUARE YARDS  
CERTIFIED CHECK \$650

CONTRACT NO. 369  
CEMENT CONCRETE, 25,300 SQUARE YARDS

CERTIFIED CHECK \$1200

Specifications and proposal sheets and all other information can be obtained at this office, Room 2074, City Hall. A charge of \$10 will be required for specifications covering each contract, which charge will not be refunded.

The Board of Awards reserves the right to reject any or all bids. A certified check of the bidder on a clearing-house bank, drawn to the order of the Mayor and City Council of Baltimore, to the amount as recited in the specifications, must accompany each bid.

Bond in the amount of the contract price will be required of the successful bidder.

STUART PURCELL,  
Highway Engineer.

Approved:  
HOWARD W. JACKSON,  
President Board of Awards.

Approved:  
B. L. CROZIER,  
Chief Engineer.

Approved:  
JOSEPH PATTI, JR.,  
Assistant City Solicitor.

Bids close October 18, 1926.

**Street Paving**

Sealed proposals will be received by the Town Commission of the Town of Bunnell, Florida, until 10 o'clock A. M. on the eighteenth day of October, 1926, at the office of the Town Clerk of Bunnell, Florida, for the furnishing of materials and construction of approximately 93,000 square yards of brick, concrete or bituminous pavements, with the necessary curb, gutter, excavations and appurtenances; approximately 32,000 lineal feet of storm drains, 30-inch to 12-inch, with accessories; 5600 lineal feet of 6-inch sanitary sewer laterals, all complete and in accordance with plans and specifications at the office of the Town Clerk of Bunnell, Florida, and at the office of the Engineer in New Smyrna, Florida.

Bids will be received on the whole or any section of the work.

Plans and specifications may be examined at the office of the Town Clerk of Bunnell, Florida, or at the office of the Engineer in New Smyrna, Florida. Copies of the specifications may be obtained from the above places upon receipt of deposit of Five (\$5) Dollars, which will be returned on bona fide bids. Copies of the plans may be obtained on payment of Twenty-five (\$25) Dollars.

Each bidder must accompany bid with certified check or bidder's bond for an amount not less than Five (5%) Per Cent of the amount bid, drawn to the order of the Town of Bunnell, Florida.

A bond in the sum of Twenty-five (25%) Per Cent of the amount of the contract, with satisfactory surety, will be required for the faithful performance of the work.

The right is reserved to reject any and all bids in whole or in part or to accept such bids as are to the best interests of the Town.

TOWN COMMISSION OF THE TOWN  
OF BUNNELL, FLORIDA.

ZEB E. BOOE, Mayor.

W. H. MCKENZIE, Chairman.

JOHN P. GERZ, Clerk.

N. A. HOTARD, Engineer.

Bids close October 6, 1926.

**Street Paving**

Mount Dora, Fla.

Sealed proposals on blank forms furnished by the town, addressed to the Mayor and Council, Mount Dora, Florida, will be received until 7.30 P. M. on October 6, 1926, at Mount Dora, Florida, for furnishing all material, equipment and labor for doing the following work:

Approximately 55,000 square yards of Street Paving, together with all necessary drainage, curb and gutter and other work incidental thereto, as set forth in the plans and specifications.

Each bid shall be accompanied by a certified check or satisfactory bidder's bond in the sum of not less than Ten Thousand (\$10,000) Dollars, made payable to the Town Clerk.

Plans and specifications can be seen at the office of the Town Clerk in Mount Dora, Florida, or at the office of the Engineers in Leesburg, Florida; Eustis, Florida, or Elberton, Georgia.

Full sets of plans and specifications will be furnished by the Engineers upon payment of Fifteen (\$15) Dollars.

The right is reserved to reject any or all bids.

TOWN OF MOUNT DORA, FLORIDA.  
A. J. WALTZ, Mayor.  
W. E. LACKEY,  
President of Town Council.  
J. H. CRANE, Town Clerk.  
H. S. JAUDON ENGINEERING CO.,  
Engineers,  
Leesburg, Fla.; Eustis, Fla.;  
Elberton, Ga.

Bids close October 6, 1926.

**Excavating Trenches and Laying Water Mains in Argonne Drive**

BUREAU OF WATER SUPPLY

Baltimore, Md.

Sealed proposals, IN DUPLICATE, endorsed "Proposals for Excavating Trenches and Laying Water Mains in Argonne Drive for the Bureau of Water Supply," addressed to the Board of Awards of Baltimore City, will be received at the office of the City Register, City Hall, Baltimore, Md., until 11 A. M., Standard Time, Wednesday, October 6, 1926, at which time they will be publicly opened and read.

Plans and specifications may be obtained at the office of the Water Engineer, Room 205, City Hall, Baltimore, Md., on and after September 25, 1926. A charge of \$10 will be made for each set of plans and specifications, which will not be refunded.

All bids must be accompanied by a certified check of the bidder on a clearing-house bank for Two Thousand Dollars (\$2000), made payable to the order of the Mayor and City Council of Baltimore, and the successful bidder will be required to give satisfactory bond for the faithful performance of the agreement, equal in amount to the value of the contract.

The Board of Awards reserves the right to reject any or all bids.

V. BERNARD SIEMS,  
Water Engineer.  
B. L. CROZIER,  
Chief Engineer.

Approved:  
HOWARD W. JACKSON,  
Pres. Board of Awards.  
JOSEPH PATTI, JR.,  
Asst. City Solicitor.

Bids close October 18, 1926.

**Notice of Proposal to Sell Valuable Municipal Electric Light Plant**

Kinston, N. C.

The City Council of the City of Kinston, North Carolina, will receive offers for its valuable municipal electric light plant, together with franchise to do business in the City of Kinston, at a meeting to be held in the City of Kinston at 8 o'clock P. M. on Monday, October 18, 1926. Prospective purchasers are invited to submit bids for plant, franchise, rates for power and lighting to consumers, including street lighting for the city. The city reserves the right to reject any and all bids. For further particulars, address the undersigned Mayor.

W. A. MITCHELL, Mayor.  
W. B. COLEMAN, City Clerk.

Bids close September 30, 1926.

### Sewerage, Sewage Disposal and Water Works Construction

Homerville, Ga.

Sealed bids will be received by the Town Council of the Town of Homerville, Georgia, at the office of the Town Clerk, for furnishing materials and labor to construct sewers and water works in and for the Town of Homerville, Georgia, until 12 M. September 30, 1926.

The work includes the furnishing of all labor, material, machinery and equipment of every kind necessary to construct approximately 2 miles of sanitary sewer, with appurtenances, one septic tank and labor only to construct approximately 2 miles of water mains complete in place and in accordance with the plans and specifications on file in the office of the Town Clerk and the Engineer.

Each bid must be accompanied with a certified check or a bidder's bond for five (5%) per cent of the amount of bid, drawn to the order of the Town of Homerville, Georgia.

All bids will be compared on the basis of the Engineer's estimate of the work to be done.

Copies of the plans and specifications may be seen at the office of the Town Clerk or the Engineer.

The right is reserved to reject any or all bids, and the contract may be awarded as a whole or in part to one or more bidders, as considered to the best interest of the Town.

TOWN OF HOMERVILLE, GEORGIA.

Mayor:

DR. A. H. CULPEPPER.

Councilmen:

J. F. BARNHILL,

W. V. MUSGROVE,

BRUCE DOUGLAS,

A. N. CARSWELL.

Town Clerk:

FOLKS HUXFORD.

Engineer:

C. V. DOWNING, Lake City, Fla.

Bids close September 28, 1926.

### Municipal Light and Water Plant

NOTICE TO PIPE, ELECTRICAL, CRANE, PUMP, HEATER, TANK MANUFACTURERS AND CONTRACTORS.

Gainesville, Fla.

Sealed proposals on standard form addressed to City Council of the City of Gainesville, Florida, will be received until 8 P. M. September 28, 1926, for furnishing materials and labor for the above-listed items for the addition to the municipal light and water plant of the City of Gainesville, Florida, as described in plans and specifications to be issued.

Each bid must be accompanied by a certified check, made payable to the City of Gainesville, Florida, for Four Hundred (\$400) Dollars for each division of the work.

The right is reserved to reject any or all bids.

Plans and specifications can be seen at the office of the City Manager and also at the office of Robert & Company, Inc., Architects and Engineers, Atlanta, Georgia. G. H. CAIRNS, City Manager. ROBERT & COMPANY, INC., Bona Allen Building, Atlanta, Georgia.

Bids close October 20, 1926.

### Pumping-Station Machinery

BOARD OF WATER COMMISSIONERS. Memphis, Tenn.

Proposals will be received and bids opened at 12 o'clock noon October 20, 1926, upon the following equipment: One Cross Compound, Two-Stage Air Compressor, one 350 H. P. Water-Tube Boiler and one Stoker Unit.

The above apparatus to be furnished and erected as additional equipment in the Parkway Pumping Station, located at the North Parkway and North Dunlap Street, Memphis, Tennessee.

Specifications covering the above may be secured at the office of the General Superintendent of the Board of Water Commissioners, North Second and Adams avenue, Memphis, Tenn., a deposit of \$5.00 being required. Certified check for 10 per cent of bid is required with the proposal.

BOARD OF WATER COMMISSIONERS OF CITY OF MEMPHIS, WATER DEPARTMENT.

JAS. SHEAHAN,

General Superintendent.



## CLASSIFIED OPPORTUNITIES



### MINERAL AND TIMBER LANDS, WATER POWER, MISCELLANEOUS PROPERTIES

**FOR SALE**—Garnet mine. Ninety acres in tract. Six miles from Morganton in Western North Carolina. On new graded road. S. Q. McCRAW, Mt. Holly, N. C.

**FOR SALE**—13,000 acres in the Blue Grass section of Boutetout and Craig counties, Virginia, containing 80,500 ties, 6,540,000 feet of lumber, 1650 cords tan bark. Deposits of Coal, Brown Hematite, Manganese and Lime have been located. Reports on this property submitted upon request. Price \$25 per acre. Address No. 6623, care of Manufacturers Record, Baltimore, Md.

#### IRON ORE AND TIMBER LAND

**FOR SALE IN FEE**—14,000 and 50,000 acre tracts iron ore and timber lands on Chesapeake & Ohio and Norfolk & Western Railways in Alleghany and Craig Counties, Virginia. Box 865, Charleston, W. Va.

#### TALC PROPERTY

**FOR SALE**—Talc quarry. Seventy-two acres in tract. Machinery equipped. Two good houses; plenty of water; mile and a quarter from Norfolk-Southern Railroad. Price \$25,000; part cash, balance on easy terms. Fine opportunity for talc or crayon manufacturer. Address

UNITED TALC & CRAYON COMPANY, Glendon, N. C.

#### BROWN STONE QUARRIES

**FOR SALE TO SETTLE ESTATE**—Brown-stone Quarries and 125-acre farm located in York Co., Penna., near Penna. R. R. line, Harrisburg, Pa., to Washington, D. C. Entire tract underlaid with the very best brownstone. Copies of U. S. report and Penn. Geological Survey, with sample of stone, sent on request. Personal investigation solicited; land not needed for immediate quarry purpose is well adapted for fruit or general farming; reasonable price and terms for prompt purchase.

REHRLING ESTATE, Steelton, Pa.

### FARM, FRUIT AND TRUCK LANDS

#### ALABAMA

817 ACRES cut-over pine land, 1 1/4 miles from town, suitable for any kind of farming; 20-acre bearing pecan orchard, 12 years old, on tract. Will sell at a bargain. If interested, write

P. S. JACKSON, Peterman, Alabama.

### RATES AND CONDITIONS

Rate 30 cents per line per insertion. Minimum space accepted, four lines. In estimating the cost allow seven words of ordinary length to a line. When the advertisement contains a number of long words proper allowance should be made. Terms: Invariably cash with order; check, postoffice or express order or stamps accepted. No display type used. Questionable or undesirable advertisements will not be accepted. The assistance of our readers in excluding undesirable advertisements is requested. We reserve the right to refuse any advertisement. No patent medicine, oil or mining stock advertisement accepted. Rate for special contracts covering space used as desired within one year as follows: 100 lines, 28c per line; 300 lines, 26c per line; 500 lines or more, 25c per line.

### FARM, FRUIT AND TRUCK LANDS

#### ALABAMA

**WONDERFUL OPPORTUNITIES**, with unlimited possibilities, for investment on the Gulf Coast at Mobile. The land that steals your heart away. We have factory sites, textile mill, central business property, farms, orange and pecan groves, timber tracts, cutover land, waterfront property, homes and desirable building lots at very attractive prices and easy terms. Write us for information and literature. GULF COAST INVESTMENT COMPANY, INC., REALTORS, 32-34 N. Royal St., Battle House Bldg., Mobile, Ala.

#### FLORIDA

**ACREAGE AND FARM LANDS** in large or small quantity. Nothing too small for our consideration. Our service is valuable, backed up by reliability.

GOODWIN & BAKER REALTY CORPORATION, Fort Pierce, Florida.

#### CARR & CARR, INC.,

WEST PALM BEACH, PALM BEACH, LAKE WORTH. References—Any bank or trust company in Palm Beach County.

### FARM, FRUIT AND TRUCK LANDS

#### FLORIDA

**FLORIDA**—The Land of Opportunity; approximately \$17,000,000 in our State Treasury and no bonded indebtedness; no State income or inheritance taxes ever; heaviest crops produced in the winter months, bringing highest prices in the frozen northern markets. Finest winter climate in the United States. We have a factory site, a home, a grove or farm for you. Send today for booklet. Tampa-West Coast Realty Co. (Inc.), Opp. P. O. "Since Before the War," Tampa, Florida.

#### FLORIDA INVESTMENTS MANATEE COUNTY

The county that stands seventh in production of fruit and vegetables in the U. S. A solid foundation back of your investments—Farm Lands—Business Properties—Lots or Acreage for Subdivisions.

Full information on request—we can buy for you and we can resell for profit.

References: Bradenton Bank & Trust Co.

MANATEE LAND SALES CO.,

Bradenton, Fla.

St. Petersburg Office—500 First Ave. North.

#### NORTH CAROLINA

3000 ACRES, part good farming land, adapted to growth of staple farm crops, balance very suitable for stock farm; \$20 per acre. Z. V. PATE, Owner, Laurinburg, N. C.

900 ACRES in Carolina's famous Peach Belt. Ideal Peach land, \$25 per acre.

Z. V. PATE, Owner, Laurinburg, N. C.

#### For Solid Conservative Investment CHARLOTTE REAL ESTATE

is worthy of your attention. No boom. An all the year round business city on a solid, conservative foundation and steady, continual growth.

F. C. ABBOTT & COMPANY.

Nearly thirty years in Charlotte Real Estate and Investments.

CHARLOTTE, N. C.

#### TEXAS

E. B. WITMER, Realtor.

First National Bank Building, Mercedes, Texas.

City Property, Farms, Citrus Groves.

Large Acreage, irrigated and unirrigated.



## The Oxygen Factor in Engineering Design

THE oxy-acetylene process has made it possible to accomplish many things with metals. Plant equipment can be made more compact and simple. Production costs can be reduced. Machines can be constructed that were formerly out of the question.

Linde oxygen has played a major part in this striking development and logically has become industry's standard for the welding and cutting of metals.

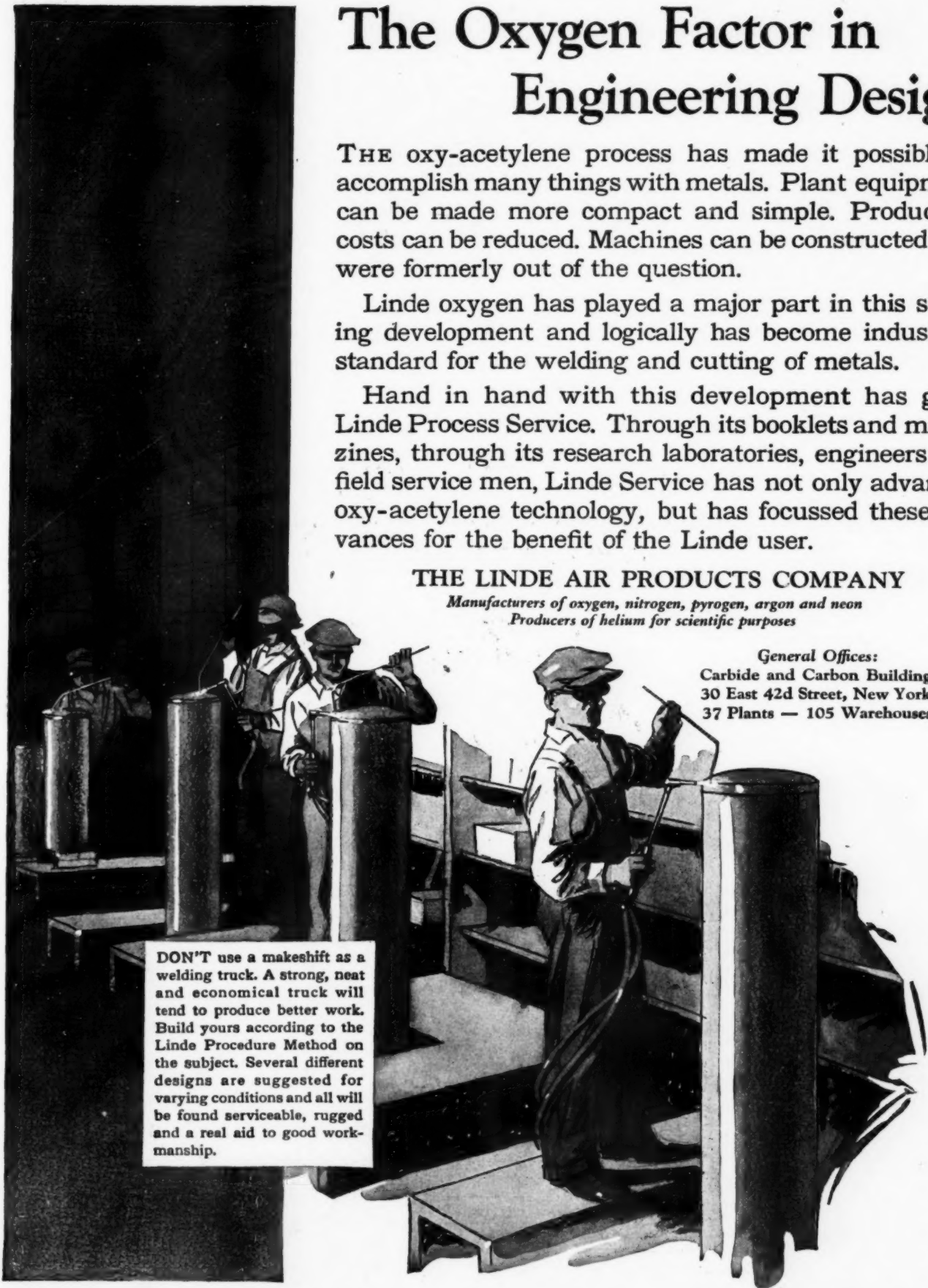
Hand in hand with this development has gone Linde Process Service. Through its booklets and magazines, through its research laboratories, engineers and field service men, Linde Service has not only advanced oxy-acetylene technology, but has focussed these advances for the benefit of the Linde user.

### THE LINDE AIR PRODUCTS COMPANY

*Manufacturers of oxygen, nitrogen, pyrogen, argon and neon  
Producers of helium for scientific purposes*

#### General Offices:

Carbide and Carbon Building  
30 East 42d Street, New York  
37 Plants — 105 Warehouses



DON'T use a makeshift as a welding truck. A strong, neat and economical truck will tend to produce better work. Build yours according to the Linde Procedure Method on the subject. Several different designs are suggested for varying conditions and all will be found serviceable, rugged and a real aid to good workmanship.

# LINDE OXYGEN

# When Days Count—

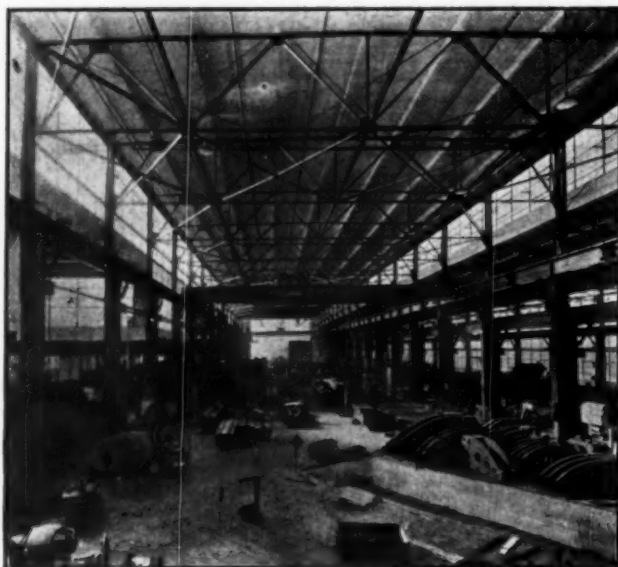
When you get ready to build your new plant, every day that can be saved in its completion after the contract is signed is a day of profit for you.

Under the Austin Method a building project that would ordinarily take six months to complete, is finished in sixty to ninety working days.

Hundreds of Austin Daylight Plants all over the United States testify to the unusual experience which this Company has had. Characteristic features which all these plants possess are

daylight interior, abundant ventilation and large unobstructed floor areas.

You sign only one contract when you deal with Austin. That covers everything—architectural service, engineering, construction and equipment. No division of responsibility. No pyramiding of profits as with sub-contracts. Austin guarantees the total cost in advance for the complete plant; delivery date, with bonus and penalty clause if preferred; and quality of materials and workmanship.



New million dollar plant of the G. A. Gray Co., Cincinnati, designed, built and equipped by Austin

Austin Daylight Plants are the standard for industry, and executives are more and more turning to Austin for this specialized architectural and building service. When days count, Austin saves months, and furnishes a plant that represents the most up-to-date design.

Wire, phone or mail the coupon for approximate costs and valuable building data.

**THE AUSTIN COMPANY - Engineers and Builders - Cleveland**

New York, Chicago, Cleveland, Detroit, Philadelphia, Portland, Seattle, Miami, Birmingham, Pittsburgh, St. Louis  
The Austin Company of California: Los Angeles and San Francisco The Austin Company of Texas: Dallas

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We are interested in the erection of a \_\_\_\_\_ Building  
\_\_\_\_\_ , number of stories \_\_\_\_\_  
You may send me a personal copy of "The Austin Book of Buildings," free to Industrial Executives.  
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## Complete Building Service



